

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

2.73

LIBRARY
RECEIVED
★ MAR 3 1943 ★
U. S. Department of Agriculture



1943 SEED CATALOG



DANISH SEED COMPANY

C H R I S M O S B E R G

14 GLENWOOD AVENUE NORTH, MINNEAPOLIS, MINN.

Phone Geneva 3401

Danish Seed Company

SEED ANNUAL

for 1943

To Our Friends and Customers:

As this is the 29th yearly Seed Catalogue we are sending out, we take this opportunity to express our sincere appreciation and thanks for your liberal patronage and friendly cooperation. We trust that our service has been satisfactory and that you will again send us your orders for seeds and any other products we handle.

On account of the prevailing disturbed conditions of Europe it is very little seed we have been able to get through. Ordinarily we have been importing many items, especially from Denmark and Holland, but so far this year we have not received any seeds from these countries. We have been getting small amounts of Flower seeds from England.

However, America is now producing some of the best both in Vegetable and Flower seeds and with a few exceptions we can get nearly everything American grown now.

Prices on the strictly imported seeds are in some cases higher than usual, but that is because the stock is very low, and may be entirely exhausted before long.

Any order or inquiry you send us will receive prompt, careful, and courteous attention.

Respectfully,

DANISH SEED COMPANY,

Chris Mosberg.

All prices subject to changes and to being unsold.

On larger orders kindly ask for special quotations.

Delivery charges will be paid by us for all seeds except Peas, Beans, Corn, Bird Seed and Lawn Seed.

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter connected with the goods we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. Examine seeds closely, test if desired, and if anything is wrong, the seed will be replaced or money refunded.

DANISH SEED COMPANY,

Chris Mosberg.

VEGETABLE SEEDS

ASPARAGUS

		Oz.	¼ Lb.	Lb.
10	Washington .....Pkt. 5c	\$0.10	\$0.35	\$1.25
Very large stems, rustproof, grows very rapidly and can be used partly 2 to 3 years after seeding.				
<i>Sow the seeds thinly, in rows, in the early spring, and dig up and plant in permanent bed the following early spring. Set the plants not closer than 15 in. apart in trenches with the tip of the plant 6 to 8 in. below the surface of the ground, spreading the roots out evenly in all directions.</i>				

BEANS—YELLOW PODDED BUSH

Sow the beans in rows leaving at least a 15 in. space between the rows, and either drop the seeds separately 2 or 3 in. apart, or drop 3 or 4 seeds in hills about 18 in. apart.

		¼ Lb.	Lb.	10 Lbs.
18	Unrivalled Wax .....25 lbs. \$7.00	\$0.10	\$0.35	\$3.00
Very early, tender and prolific, half round, straight slim pods. Seeds light brown, good market variety.				
20	Roundpod Kidney Wax or Brittle Wax.....	.10	.35	3.20
Stringless, round, slightly curved pods, high quality. Seeds white with dark spots.				
22	Pencil Pod Black Wax.....	.10	.35	3.00
Straight round pods, stringless.				
25	Top Notch Golden Wax.....Pkt. 5c	.10	.35	3.00
Good variety, flat pods. Bears a long time if kept picked. Seeds white and violet.				
26	Webber Wax (Cracker Jack Wax).....	.10	.35	3.00
Early, prolific fleshy pods.				

BEANS—GREEN PODDED BUSH

34	Longfellow .....	.10	.35	3.00
Very early, round slim pods, dark green.				
35	Stringless Black Valentine.....25 lbs. 7.00	.10	.35	3.00
Half round straight slender pods, stringless, very early and prolific.				
36	Bountiful .....	.10	.35	3.00
Flat pod, very tender, light green, early.				
37	The Prince .....	.10	.35	3.00
Flat, very long podded, and when young, practically stringless. Heavy bearer.				
38	Tendergreen .....25 lbs. 7.00	.10	.35	3.00
Round, fleshy, stringless pods, good producer, early.				
40	Stringless Green Pod.....Pkt. 5c	.10	.35	3.00
Popular canning variety. Very good for Home Gardens. Round, fleshy pods, stringless, medium early.				
45	Dwarf Horticultural or Cranberry Beans.....	.10	.35	.....
Pods and seeds are striped. Used mostly shelled.				
49	Broad Beans Windsor.....	.10	.35	.....
Grows tall erect stalks with pods near the top. Beans only used shelled.				
50	McCrea's Lima .....	.10	.30	.....
Erect, runnerless bush, pods 3" curved, thick and round. 3 to 5 gray green beans, fine quality.				
52	Henderson's Bush Lima.....	.10	.35	3.20
Small seeded, earliest variety of lima.				
53	Burpee's Bush Lima .....	.15	.45	4.00
Large seeded, prolific, pods 6 inches long.				
54	Fordhook Bush Lima .....	.15	.45	4.25
Large seeded, early variety.				
55	Baby Potato Lima .....	.15	.45	.....
Small thick bright green seeds, thrifty and quite early.				
56	Edible Soya Bean, Bansei .....	.15	.40	.....
One of the best varieties for short season climate.				

BEANS—Continued

	¼ Lb.	Lb.	10 Lbs.
57 Swedish Brown .....	.10	.20	.....
Used for dry shelled beans.			
58 White Navy Beans .....	.10	.20	.....
59 Boston Yellow Eyed.....	.10	.20	1.50
Popular shell bean.			

POLE BEANS

60 Kentucky Wonder .....	.10	.35	.....
Green, large pod, not very smooth but good quality.			
61 Kentucky Wonder Wax.....	.10	.35	.....
Yellow pod, similar otherwise to the green.			
63 Giant Podded Pole Lima.....	.10	.35	.....
Fairly early, large seeds.			
65 Yard Long .....	.15	.50	.....
Vines 6 feet, pods 18" to 26". Tender when young, light green, small reddish tan seeds.			
66 Scarlet Runner .....	.15	.40	.....
Used mostly for ornament. Has clear scarlet flowers. Pods can be cooked as other green beans.			
<i>Sow Pole Beans in a location where trellises can be erected for them to climb up on, or have tall stakes ready to set with the hills.</i>			

BEETS

Sow in rows not closer than a foot apart and thin out the plants so there is 3 to 4 inches between each.

	Pkt.	Oz.	¼ Lb.	Lb.
69 Early Flat Egyptian	\$0.10	\$0.30	\$1.00	.....
Flat, deep red, very tender and early.				
70 Green Top Bunching.....	.10	.30	1.00	2.75
Very early round smooth beet, green foliage.				
71 Early Wonder .....	.10	.25	.80	2.50
Very early, semi-globular, uniform size, short erect top, purple red flesh, slightly lighter zones, tender and fine quality.				
74 Early Crimson Globe.....	.05	.25	.80	2.50
Extra fine quality, light red, globe shaped.				
75 Perfected Detroit Dark Red.....	.10	.25	.80	2.50
Deep red, globe shaped, extra good variety for main crop or late use, good keeping quality.				
79 Beet Seed for Beet Green.....		.15	.50	1.50
Sow fairly thick in rows and pull up when large enough for cooking.				

MANGEL

One of the best and most nourishing, milk producing food for Cattle. Sow the seed in early May, in fairly rich soil, in rows two feet apart and thin out to about 12 inches between each plant. Keep cultivating until the leaves cover the ground.

	¼ Lb.	1 Lb.	10 Lbs.
84 Danish Sludstrup .....	.45	1.50	.....
Oblong, orange yellow, highest food contents of all the Mangels.			
85 Mammoth Long Red .....	.45	1.50	.....
Very large, long red.			
87 Giant Half Sugar Rose .....	.45	1.50	.....
Half long, pointed, upper half rose, lower half white, high contents of sugar.			
90 Sugar Beet Wanzlebener.....	.50	1.80	.....
Real Sugar Beet and really not a mangel but can be used for feeding.			

BRUSSELS SPROUTS

Sow the seed in early spring and when plants are large enough, transplant to permanent place, setting the plants about 18 inches apart.

	Pkt.	Oz.	¼ Lb.
98 Odense Market .....	.05	.50	.....
Half tall with firm sprouts setting close on the stalk.			
99 Long Island Improved .....	.05	.50	.....
Very short, early variety.			

BROCCOLI

Culture quite similar to Cauliflower, but makes bunches of green buds which are cooked and eaten like Cauliflower.

	Pkt.	Oz.	¼ Lb.	Lb.
95 Italian Green Sprouting Early maturing, very tender.	.10	.70	2.50	

CABBAGE

For the earliest crop, sow the seed very early and have good plants hardened and ready to set out in the field in April. For late Cabbage in this vicinity, the seed should be sown in first half of May and the plants set out the last half of June in rows 2 to 3 feet apart and the plants about 2 feet apart.

	Pkt.	Oz.	¼ Lb.	Lb.
105 Early Jersey Wakefield..... Very early, pointed heads.	.10	.35	.....	.....
106 Jersey Queen Yellow resistant Jersey Wakefield.	.10	.35	1.25	.....
108 Golden Acre Very early, round solid heads. Ready a few days later than the pointed variety.	.10	.50	1.75	6.00
111 Golden Acre, Yellow Resistant.....	.10	.50	1.75	6.00
112 Copenhagen Market Very early, large, round, solid heads. If planted late, it makes an excellent Kraut cabbage.	.10	.50	1.75	6.00
113 Marion Market Yellow resistant, Copenhagen Market type.	.10	.50	1.75	6.00
115 Round Dutch (Ferry Strain)..... Early round, small firm good quality heads.	.10	.35	1.25	.....
116 Glory of Enkhuizen..... Best variety for Mid-season. Can be planted closer together as it has few and smaller outer leaves. Will keep fairly well during December.	.10	.40	1.50	5.00
117 Globe Yellow resistant, Glory of Enkhuizen type.	.10	.40	1.50	5.00
118 Flat Dutch or Brunswick Improved..... Large, flat heads, not very hard and not a good keeper.	.05	.35	1.25	4.00
119 All Season Large flat heads, good for kraut.	.10	.35	1.25	.....
120 Wisconsin All Season Yellow resistant strain.	.10	.50	1.75	6.00
121 Danish Ballhead Amager, Medium Stem..... Round-headed, half short stem, very good keeper. Heads uniform, very hard and heavy, not very large.	.10	.50	1.75	6.00
122 Danish Roundhead Medium short stem, late maturing, good keeper.	.10	.50	1.75	6.00
126 Wisconsin Hollander Yellow-resisting strain, has large leaves but will do on yellow infested soil.	.10	.50	1.75	6.00
131 Hollander Ferry's strain. Preferred by some growers instead of the Danish strain.	.10	.50	1.75	6.00
133 Penn State Ballhead..... Heads nearly round, slightly flattened.	.10	.60	2.00	7.00

RED CABBAGE

143 Danish Stonehead Best variety for late use, keeps well.	.10	.50	1.75	.....
144 Wisconsin Stonehead Yellow resistant	.10	.50	1.75	.....

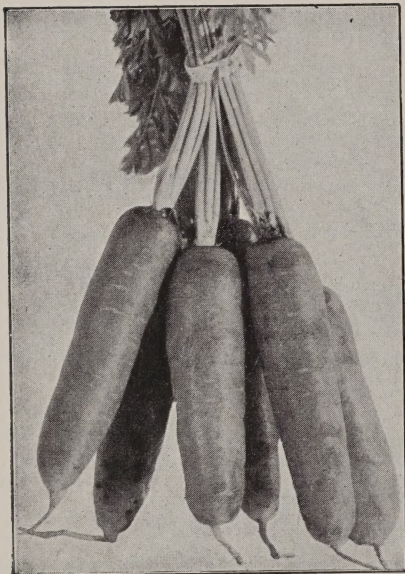
SAVOY CABBAGE

150 Long Island Rather loose heads, leaves curled or crimped, most tender and sweet cabbage. Does not keep well.	.10	.50
---	-----	-----	-------	-------

CHINESE CABBAGE

Also called Celery Cabbage, as it has no resemblance to cabbage except in the flavor. It grows upright with long or oblong loose heads, like Cos Lettuce. The seeds should be sown in late spring or early summer and the plants thinned out to at least a foot apart. Heads appear latter part of the summer.

	Pkt.	Oz.	¼ Lb.	Lb.
155 Chihli .....	.05	.45	1.50	.....
Very early and gives the highest percentage of fairly solid and long heads.				



CARROT NANTES IMPROVED



CARROT CHANTENAY

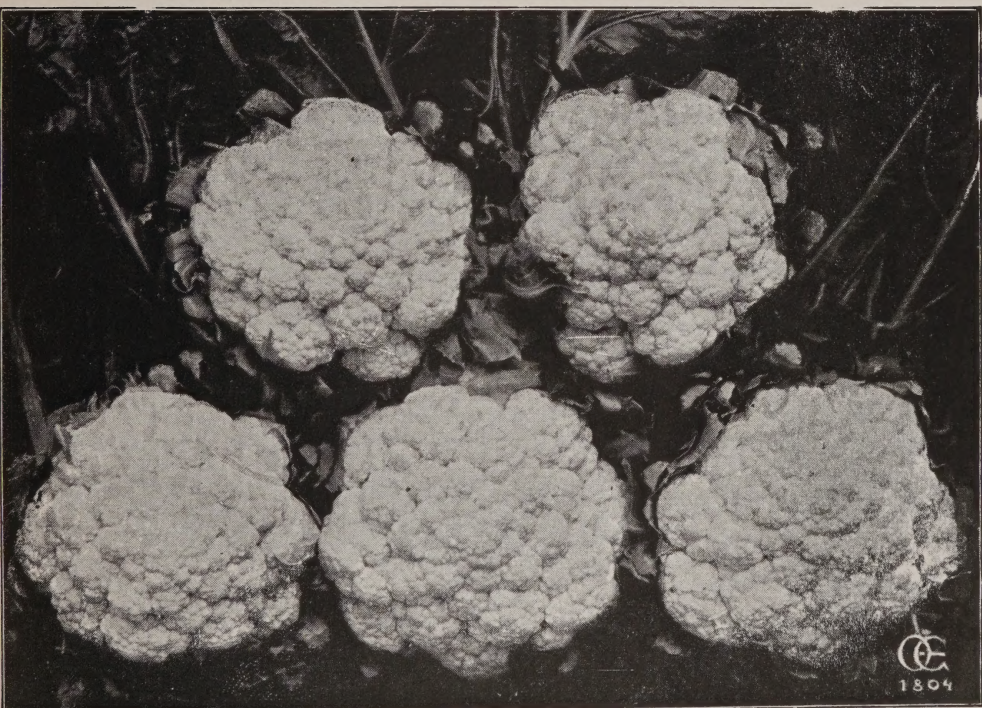
CARROTS

Sow in rows at least 10 inches apart and thin out when large enough. Varieties with large tops should be thinned out to about 3 inches apart and the small-topped varieties to 1½ to 2 inches. Carrots should not have fresh fertilizer. Does best in light soil which has been richly fertilized for a crop the preceding year.

	Pkt.	Oz.	¼ Lb.	Lb.
163 Amsterdam .....	.10	.50	1.75	.....
Short topped, very early, cylindrical, turns orange-red when about ½ inch thick. A high quality carrot, but not very large.				
166 Oxheart .....	.10	.45	1.40	5.00
Early, short and thick. Should be used before they get too large. Good quality.				
169 Nantes Improved .....	.10	.45	1.50	5.50
Coreless cylindrical shaped, deep orange-red, very sweet and tender, early, short tops. One of the best carrots for home use.				
172 Chantenay .....	.10	.40	1.40	4.25
Most popular Market Carrot. Early, half long, blunt rooted, deep orange flesh, tops large.				

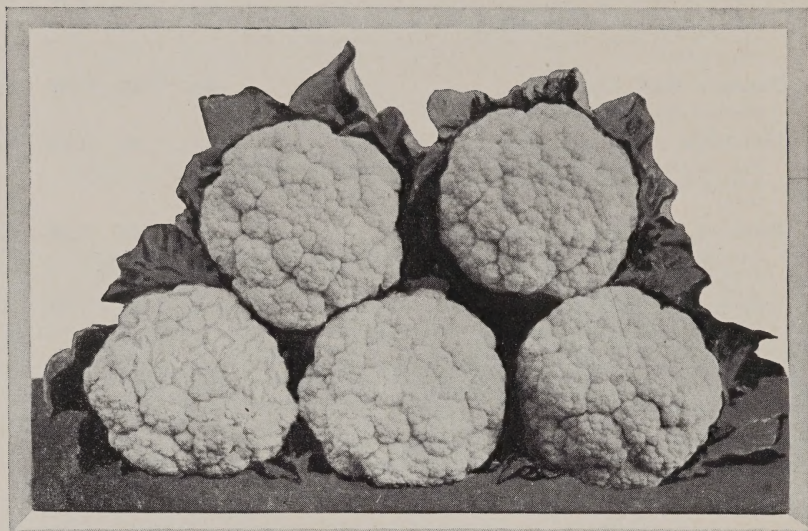
CARROTS—Continued

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
174 Morse's Bunching .....	.10	.45	1.50	5.00
Fairly short top, roots about $1\frac{1}{2}$ in. at the neck and about 8 in. long, nearly cylindrical, fine red color and small core.				
175 Danvers Half Long.....	.10	.40	1.40	4.50
Medium early, half long, good quality.				
176 Imperator .....	.10	.40	1.40	4.50
New medium long carrot, top not very large but strong enough for bunching, roots deep orange red, indistinct core.				
179 Pride of Denmark.....	.10	.40	1.40	4.50
Large Nantes type, deep orange-red, very sweet and a good keeper				
183 Yellow Champion Giant .....	.....	.35	1.25	4.00
Very large yellow Fodder carrot. Does well in poor sandy soil.				
184 White Belgian Giant .....	.....	.35	1.25	4.00
Very large, White Fodder Carrot. Requires better soil than the yellow variety.				



CC
1804

CAULIFLOWER EARLY DANISH SNOWBALL



CAULIFLOWER SNOWDRIFT

CAULIFLOWER

For early Cauliflower, the seed should be started very early in the spring, so the plants can be strong and hardened and ready to set out in April. For late use the seed can be planted in the middle of May and the plants set out the latter half of June. We recommend to treat the bed with Semesan or Formaldehyde Dust before seeding, as the small plants are apt to damp off.

	Pkt.	Oz.	¼ Lb.	Lb.
190 Early Danish Snowball.....	.25	3.00	.....	.....
Very early but equally good for late planting.				
199 Snowdrift .....	.25	3.00	.....	.....
New variety from Holland. Large Snow white heads.				

CHICORY

205 Brusseler Witloof05	.60	2.00
------------------------------------	------------	------------	-------------	-------

Select Strain.

Also called French Endive. Seeded in May and in the Fall the roots are dug up, planted again in a dark warm basement or like place in boxes, kept moist, and the fresh leaves or sprouts which then grow up during the Winter months are used for salads.

CELERIAC OR ROOT CELERY

Seed should be started under glass in March, and the plants set out in rich, fairly moist ground in late May. Set the plants about 1½ feet apart.

225 Prague Giant .....	.10	.60	.....	.....
Large smooth roots with clear white flesh.				

CELERY

For early celery the seed can be planted in early March, under glass, and the plants set out when no more heavy frost is expected. For late celery seed can be sown outside in May and have strong plants ready by the middle of June. The best soil for celery is well cultivated and well powdered peat soil. The plants can be planted 6 to 9 inches apart in single rows about 2 feet or more apart, or can be planted in double rows 6 to 9 inches apart and 2-3 feet between each double row. Bleaching should be started at least 2 weeks before harvest, and can be done with a wide board, special paper, or the soil can be hilled up around the plants. An ounce of seed should produce from 5,000 to 10,000 plants.

	Pkt.	Oz.	¼ Lb.	1 lb
210 Paris Golden Yellow Self-blanching.....	.25	1.25	4.50	16.00
Tall, very fast grower, golden yellow heart, stalks thick, broad and crisp, with a fine nut-like flavor. Imported French Seed.				
211 Paris Golden Yellow Self-blanching.....	.10	.50	.....	.....
American grown seed, extra good strain.				
213 Golden Self-blanching .....	.10	.50	1.50	5.00
Extra good strain of American grown seed.				
214 Michigan Golden .....	.....	1.50	5.00	.....
New yellow resistant strain.				
215 Golden Plume .....	.10	.70	2.50	8.00
Heavy, strong growing American variety. Very good for shipping.				
217 Utah or Golden Crisp , most popular green celery of the Pascal type, crisper and nuttier.....	.10	.60	2.00	7.00
218 Giant Pascal .....	.10	.50	1.50	.....
One of the finest flavored variety of Celery. Grows compact but vigorous. When bleached is yellowish white.				
219 Golden Pascal .....	.25	1.00	3.00	.....
New golden yellow, very tender and exceptional fine quality quite late.				
220 Easy Blanching .....	.05	.40	1.50	.....
Fairly large, late, green, bleaches to clear white. Good quality and good keeper.				
221 White Plume .....	.10	.60	2.00	.....
Early white variety.				

CUCUMBER

Out doors, cucumber can be seeded in rows 3-4 feet or more apart and the seed dropped 3-4 inches apart, an inch below the surface of the ground, or the seed can be planted in hills about 4 feet apart and 8-10 seeds to each hill. A good method where the soil is not very rich, is to dig a trench and fill in some fresh manure and then at least 6 inches of soil between the manure and the seed.

232 No. 315 or Hjallesse . Very fine cucumber for greenhouse growing. About 12 inches long, smooth dark green, and stays green a long time, flesh thick, small seed cavity. Greenhouse grown seed. 100 seeds \$1.00	4.00	14.00	.....	.....
235 Lemon , about 3½ in. in diameter, nearly round, good quality .....	.10	.40	.....	.....
236 Mincu , very early pickling cucumber.....	.10	.25	.80	.....
237 Longfellow .....	.10	.25	.80	2.50
Dark green, uniform, straight, averaging 12-14 in. long by 2½ in. Good for either outdoor or for indoor culture				
238 Clark's Special .....	.10	.25	.80	2.50
Good slicing cucumber, 8-10 inches long, dark green. Recommended for Hot Beds. Greenhouse or outdoors.				
239 Straight 8 .....	.10	.25	.80	2.50
Symmetrical, cylindrical, about 8 inches long and about 1½ inches in diameter, well rounded at the ends, deep green when ready for use.				
240 Colorado .....	.10	.30	1.00	3.00
An all American Award Cucumber, about 12 inches long, slender, dark green. Fine for slicing.				

CUCUMBER—Continued

	Pkt.	Oz.	¼ Lb.	Lb.
241 Danish Pickle or Asie .....	.05	.20	.60	2.00
Large, light green, heavy producer, fine quality, very small or fine spines.				
242 Japanese Climbing .....	.10	.30	.....	.....
Climbing variety, dark green, about 9 inches long and 2½ inches in diameter.				
243 Davis Perfect .....	.10	.25	.80	2.50
Long, dark green, stays green a long time after picking, very good but not so prolific as some of the other varieties.				
245 Early Fortune .....	.10	.25	.80	2.50
Slightly shorter than Davis Perfect, but much more prolific. Can be used either for slicing or pickling.				
246 Improved Early White Spine .....	.10	.25	.80	2.50
Early, prolific, popular variety.				
247 Evergreen White Spine .....	.10	.25	.80	2.50
Long, cylindrical shaped, dark green, medium early.				
250 Improved Long Green .....	.10	.30	1.00	3.00
Good for late use and for ripe pickling. Good producer.				
252 Chicago Pickling .....	.10	.25	.80	2.50
Very heavy producer and used mostly for Dill Pickling or small sweet pickles.				
253 National Pickling .....	.10	.25	.80	2.50
Heaviest yielding pickling variety.				
254 Snow's Pickling .....	.10	.25	.80	2.50
For small pickling. Has square ends which makes easy packing in preserve jars.				
255 West India Gherkins .....	.10	.30	.....	.....
Small, half round, spined. Good for small pickles.				

EGG PLANT

Should be seeded under glass in March and the plants set out when all danger of frost is over.

256 Black Beauty .....	.10	.50	1.75	.....
Large, purple-black fruit, good bearer, early.				

ENDIVE

Seed in the open and thin out to 10 to 12 inches apart.

260 Green Curled Summer .....	.05	.15	.50	.....
Finely curled, yellow center.				
261 Deep Heart, fringed .....	.05	.20	.60	.....
262 Batavian Broad-leaved .....	.05	.15	.50	.....
Leaves large and broad, well rounded compact heads, easily blanched.				

KALE

Sow in Spring and set the plants 1½ feet apart.

350 Odense Market .....	.05	.20	.60	.....
Half tall, finely curled, dark green.				

KOHLRABI

Sow in Spring and transplant about 8 inches apart, or sow in rows and thin out to that distance.

360 Early White Vienna .....	.10	.60	2.00	.....
Short-topped, greenish white, early, tender flesh.				
361 Early Purple Vienna .....	.....	.....	.....	.....
Similar to above but purple colored instead of white.				

HERBS AND MISCELLANEOUS

	Pkt.	Oz.	¼ Lb.	Lb.
270 Anis .....	.10	.50	.....	.....
271 Balm .....	.10	.....	.....	.....
272 Borago, good beefodder .....	.10	.....	.....	.....
273 Caraway .....	.10	.50	.....	.....
278 Catnip .....	.10	.....	.....	.....
280 Chervil—Resembling parsley and used in soup.....	.10	.50	.....	.....
282 Collards .....	.05	.10	.25	.....
283 Coreander .....	.10	.50	.....	.....
286 Cress or Pepper Grass—Stronger than the Water Cress and used for sandwiches or salads. Grows very quickly .....	.10	.30	.....	.....
287 Cumin .....	.05	.....	.....	.....
288 Dill .....	.05	.15	.50	1.80
292 Fennel Florence, Italian Vegetable.....	.10	.50	.....	.....
294 Flea Wort—Psyllium .....	.10	.50	.....	.....
296 Horehound .....	.10	.....	.....	.....
298 Lavender—The flowers used as a moth repeller....	.10	.....	.....	.....
299 Mustard Spinach, Tendergreen.....	.05	.10	.30	.....
300 Mustard—curled .....	.05	.10	.25	.....
301 Okra—Extra early dwarf .....	.05	.10	.25	.80
302 Peanuts, Jumbo .....	.....	.....	.15	.40
304 Penny-royal .....	.10	.....	.....	.....
308 Rosemary .....	.10	.....	.....	.....
310 Saffron .....	.10	.....	.....	.....
314 Sage—broad-leaved .....	.10	.....	.....	.....
320 Sorrel—used like Spinach .....	.10	.50	.....	.....
322 Summer Savory .....	.10	.75	.....	.....
324 Sweet Basil .....	.10	1.00	.....	.....
327 Sweet Marjoram .....	.10	1.00	.....	.....
330 Tansy .....	.10	.....	.....	.....
331 Thyme—winter .....	.10	2.00	.....	.....
332 Water Cress, True—for growing at edge of water	.10	1.00	.....	.....
333 Water Cress, Upland—will grow in soil.....	.10	1.00	.....	.....
337 Wormwood .....	.10	.....	.....	.....

LEEK

To grow them to a large size, the seed should be sown under glass in March or early April and the plants set out in the open ground, 3-4 inches apart, in rows.

370 Bulgarian Long .....	.10	.60	.....	.....
Very long, white stem.				
371 American Flag .....	.10	.60	.....	.....
Thick stems.				

LEAF LETTUCE

Sow in rows at least 10 inches apart and thin out to about 5 inches between each plant. Seeds should be covered about ½ in.

380 Blackseeded Simpson .....	.05	.20	.60	2.00
Broad leaves, blistered and crumpled, frilled on the border. Light yellow-green color. Very tender lettuce.				
382 Grand Rapids .....	.05	.20	.60	2.00
Best variety for planting under glass. Used for outside very early in Spring or late Fall.				
384 Prizehead .....	.05	.20	.60	.....
Brown leaved, most tender leaf lettuce.				
385 Oakleaf .....	.10	.30	1.00	.....
Loose leaved, medium green, very fine quality.				
386 Chicken Lettuce .....	.05	.20	.60	.....
Used mostly for feeding young chickens. If not cut too deep it will grow out again.				

HEAD LETTUCE

To grow Head Lettuce the plants must be at least a foot apart.

		Pkt.	Oz.	¼ Lb.	Lb.
390	New York No. 12 or 515.....	.05	.30	1.00	3.00
	Large green, leaves crumbled or curled at the edge.				
391	Imperial No. 847.....	.10	.30	1.00	3.00
	An Iceberg or New York type, large heads well covered, resists burns.				
392	Big Boston .....	.05	.20	.60	2.00
	Very tender, large heads, smooth yellow-green leaves.				
393	Hanson Improved .....	.05	.25	.80	.....
	Resistant to hot weather, large plants with broad crinkled leaves.				
395	Crisp As Ice .....	.05	.30	1.00	.....
	For home garden, forms compact medium size head, good flavor, leaves thick and crumpled, deep green, overlaid dark brown.				
396	Early May King.....	.05	.25	.80	.....
	Very early and tender, not very large but quite dependable to head.				
398	Mignonette .....	.05	.20	.60	.....
	Small, dark green, very solid heads, crisp and tender.				
402	Cos Lettuce Trianon or Paris White.....	.05	.25	.80	.....
	Oblong, self-closing, well blanched, firm head.				



MUSKMELON

Seed can be sown 3-4 inches apart in rows 4-5 feet apart or planted 8-10 seeds in a hill, 4-5 feet apart.

410	Emerald Gem .....	.10	.25	.80	2.50
	Very early, thick, sweet flesh, rich salmon colored inside.				
415	Early Sunrise .....	.10	.20	.60	2.00
	Very early, extra good, fair size.				
416	Delicious .....	.10	.20	.60	2.00
	Early, medium size, sweet salmon flesh, outside grey-green netted.				
417	Hale's Best .....	.10	.25	.80	2.50
	Early Rockyford variety, oval, heavily netted, salmon flesh. Mildew resistant.				

MUSKMELONS—Continued

	Pkt.	Oz.	¼ Lb.	Lb.
424 Golden Osage .....	.10	.20	.60	2.00
Large, fairly early, deep golden yellow skin, fairly well netted, good quality.				
425 Benders Surprise .....	.10	.25	.80	2.50
Good quality, fairly large, golden yellow skin, salmon flesh, medium early.				
426 Hardshell Bender (Schoons).....	.10	.25	.80	2.75
Quite similar to Golden Osage or Benders Surprise except this has a very hard shell which makes it a better melon for transportation.				
429 Golden Gopher .....	.10	.25	.80	2.50
Heavily netted, medium large orange salmon, sweet flesh.				
432 Hearts of Gold .....	.10	.25	.80	2.75
Almost round, covered with grey netting, thick, deep salmon orange flesh, tender, sweet and juicy, medium late.				
433 Pride of Wisconsin.....	.10	.25	1.00	3.00
New, good melon, quite similar to Honey Rock except being larger and having a harder rind.				
434 Juicy Fruit .....	.05	.15	.45	1.50
Very sweet, fairly large, medium early.				
435 Honey Rock or Sugar Rock.....	.10	.25	.80	2.75
New, very delicious melon which is becoming more popular. Medium size, grey-green skin, moderately covered with heavy coarse netting, salmon flesh.				
437 Honey Dew .....	.10	.20	.60	2.00
Large, late variety, smooth, lemon colored skin when ripe, flesh light green and very sweet, good keeper.				
440 Banana .....	.10	.20	.60	2.00
Long, banana shaped, very sweet				

WATERMELON

Sow like Musk Melons, except water melons require more space between the hills.

443 Northern Sweet .....	.10	.25	.80	2.50
Very early, rather small, but of a very fine quality.				
444 Sugar Swika .....	.05	.25	.80	2.50
Very early, medium size, round, mottled, very thin rind, flesh red and sweet.				
446 Stone Mountain No. 5.....	.05	.10	.35	1.25
Wilt Resistant, half round, dark green skin, bright crimson flesh.				
447 Dixie Queen .....	.05	.15	.45	1.50
Nearly round, light green, striped with dark green, very fine quality, small white seed.				
448 Kleckly Sweet Improved.....	.05	.10	.35	1.25
Fairly early, large, oblong shape, dark green skin, very sweet, red flesh.				
449 Halberts Honey .....	.05	.10	.35	1.25
Large, oblong, dark green skin, crimson meat, juicy and sweet, fairly early.				
450 Klondike Striped .....	.05	.10	.35	1.25
When matured should be 15 inches long and about 10 inches thick, striped light and dark green, hard rind, flesh scarlet and very sugary.				
451 Tom Watson .....	.05	.10	.35	1.25
Late large dark green.				
452 Kansas .....	.05	.10	.35	1.25
Slightly striped or mottled grey green on dark green; oblong to round; early and good.				
453 Angelino .....	.05	.10	.35	1.25
A good quality melon. A distinct netting appears on the skin when ripe and ready to pick.				
456 Winter Queen or Honey Dew.....	.05	.10	.35	1.25
Almost round, light green skin, late; red, sweet flesh, good keeper.				
460 Citron—Red Seeded .....	.05	.10	.35	1.25
Used for preserves.				

MUSHROOM SPAWN

466 American Type Spores , white, bottle.....	75 each
“ “ “ bricks	25 each

One bottle will plant about 35 square feet; one brick about 8 square feet.

ONION

Prices on Onion Seeds are variable and we specially invite inquiries as to the price at the time of ordering.

Use from 3 to 5 lbs. per acre, according to distance between rows.

	Pkt.	Oz.	¼ Lb.	Lb.
470 Southport Red Globe .....	.10	.60	2.00	6.50
Deep red skin, small neck, extra good keeper.				
472 Southport White Globe.....	.10	.60	2.25	8.00
Thin skin, early maturing, not a good keeper.				
473 Southport Yellow Globe (Brigham Strain).....	.10	.60	2.00	7.00
Most popular variety, good yielder and keeper, globe shape, thick skin which does not peel off easily.				
475 Yellow Globe (Anoka strain) .....	.10	.50	1.75	6.00
An early yellow strain, somewhat of the Spanish type, not quite so large, but keeps better.				
476 Mountain Yellow Danvers.....	.10	.60	2.00	6.50
Early, nearly globe shaped.				
478 Prizetaker .....	.10	.70	2.50	9.00
Large, yellow, globe shaped. To get them real early the seed can be started under glass, and the plants set out when the ground is ready in April or early May.				
479 Sweet Spanish (Riverside Strain).....	.10	.70	2.50	9.00
Fine golden yellow Spanish type, globe shaped, light yellow skin, pure white flesh, crisp and mild. Grows quite large.				
480 White Sweet Spanish .....	.10	.70	2.50	9.00
Large white, very mild.				
481 White Portugal .....	.10	.60	2.25	8.00
Small white onion for pickling or sets.				
485 Ebenezer .....	.10	.50	1.75	6.00
Straw yellow, globe shaped, solid, good keeper, slow to mature. Seeds mostly used for growing sets for next year's onions.				
489 White Welsh .....	.10	.45	1.50	5.00
Grows a strong green top but no onion at the root. Good only for green onions. Will stand through our winters in most cases.				
490 Chives or Grass Onion.....	.10	.....	.....	.....
Very small grass like perennial onion, used only for its green tops, which appear in early spring.				

PARSLEY

Sow in rows not closer than 8 inches apart and thin out to 3 or 4 inches between each plant.

502 Champion Mosscurled .....	.05	.15	.50	1.50
Finely double curled, dark green.				
503 Paramount .....	.05	.15	.50	1.50
Dark green, fine curled, large plant requiring more space for proper development.				
505 Hamburg Rooted .....	.05	.15	.50	1.50
Smooth leaves, long parsnip-like white roots.				

PARSNIP

Sow in rows about a foot apart and thin out to about 6 inches between each plant. Sow fairly thick and only deep enough to get in the moisture of the soil.

510 Hollow Crown .....	.05	.20	.60	2.00
Medium long, thick shoulder.				

PEAS

Smooth seeded varieties can be planted very early. The wrinkled varieties are apt to rot if the weather turns wet and cold before they germinate. The short vined does not require anything to climb on, but to get the full benefit of the taller and later kinds, they should have a trellis of some kind to climb on.

		$\frac{1}{4}$ Lb.	Lb.	10 Lb.
521	Extra Early Mammoth Podded Very early, smooth seeded, vines about 3 feet, pods about 3 $\frac{1}{2}$ inches, well filled.	.10	.35	2.80
522	Superb 2 $\frac{1}{2}$ feet vines, pods about 4 inches long, very early, prolific, smooth-seeded.	.10	.35	2.80
523	Alaska Early canning variety, smooth green seeds, grows 2-3 ft. vines.	.10	.30	2.50
524	Laxtons Progress Earliest long podded variety, wrinkled seeds, vines about 1 $\frac{1}{2}$ feet. Good quality.	50 lbs. \$12.00 .10	.35	3.00
526	American Wonder Early, dwarf, small pods, good quality.	.10	.35	2.80
527	Little Gem Very productive, good quality, small pods, vines about 2 ft.	.10	.35	2.80
528	Little Marvel Productive, fine quality, pods 3 inches, vines 18 inches.	.10	.35	3.00
529	Glacier Type of Thos. Laxton; resistant to wilt.	.10	.35	3.00
530	Thomas Laxton Vines about 2 $\frac{1}{2}$ feet, early and prolific.	.10	.35	3.00
531	Dwarf Telephone Vines 2 feet, pods 4", light green.	.10	.35	3.00
534	Worlds Record Very good quality, pods 3 $\frac{1}{2}$ to 4 inches, well filled, vines 2 $\frac{1}{2}$ feet.	.10	.35	3.00
537	Gladstone Late variety, vines 3 $\frac{1}{2}$ feet, very productive, long, slightly curved but shapely pods. 10 to 12 peas in a pod.	.10	.35	2.80
538	Giant Stride , (Asgrow 40, Wyoming Wonder) New special market variety, wilt resistant. Vines about 2 feet, pods 5 to 6 inches, round, dark green, pointed and curved at tip. Good bearer, well filled pods.	50 lbs. \$12.00 .10	.35	3.00
540	Prince Edward 4 ft. vines, late, pods large, dark green, well filled, good quality.	.10	.35	2.80
541	Alderman Tall, late, large green pods.	.10	.35	3.00
542	Telephone Grows about 4 ft.; large, well-filled pods with sweet green peas.	.10	.35	3.00
546	Mammoth Melting Sugar Grows about 4 ft. tall, edible pods. Very large, curved pods filled with very sweet, small green peas.	.15	.45	.....

PEPPER

For best result sow Pepper seed under glass in March or early April, and have strong plants to set out in late May or early June. Pepper prefers a warm, and not too rich soil.

		Pkt.	Oz.	$\frac{1}{4}$ Lb.
556	Harris Early Giant Very early. Size of fruit about 4 inches long and 3 $\frac{1}{2}$ inches in diameter. start setting close to the ground. Most popular variety.	.05	.35	1.25
557	Large Red Local grown seeds, large thick walled early pepper.	.....	.50	1.75
558	Bull Nose or Large Bell Early, prolific, fruit short and thick, meat sweet and thick.	.05	.35	1.25

PEPPER—Continued

		Pkt.	Oz.	¼ Lb.
561	Chinese Giant Largest variety, good quality, not very prolific.	.05	.50	.....
563	Asgrow King (Improved Ruby King)..... Fairly early and prolific, fruit 5 inches long, 3 ½ inches in diameter, slightly tapered, 3 lobed.	.05	.35	1.25
565	World Beater Large thick pepper, sweet, early.	.05	.35	1.25
567	California Wonder Very thick sweet flesh, large and smooth, not very early, but extra good.	.05	.35	1.25
568	Calwonder (Early California Wonder)..... Similar to, but earlier than California Wonder.	.10	.50	1.75
569	King of the North Early strain of Ruby King.	.05	.35	1.25
570	Long Thick Red Finger shaped, smooth, bright red hot pepper, early and a heavy yielder.	.05	.50	1.75
571	Hungarian Yellow Sweet Early long yellow variety.	.05	.35	1.25
572	Red Chili Small, red, very hot.	.05	.50	.....
574	Pimento—Sunnybrook Strain Tomato shaped, sweet, very thick meat.	.05	.40	.....

PUMPKIN

	<i>Plant in hills or between rows of corn.</i>	Pkt.	Oz.	¼ Lb.	Lb.
580	Sugar Pie Small, round, sweet, orange colored.	.05	.10	.35	1.25
582	Connecticut Field Very large Field Pumpkin.	.05	.10	.30	1.00
583	Vegetable Marrow Oblong, creamy yellow when ripe. Used for sweet pickles. The young greens can be cooked.	.05	.10	.35	1.25
584	Mammoth Tours Very large and heavy.	.05	.10	.30	1.00

RADISH

Sow Radish Seed either in rows or broad-cast, and thin out to about 1 inch between each plant. We recommend seeding every two weeks for continued use.

592	Early Scarlet Globe (Vick's) .....100 lbs. \$75.00 10 lbs. \$8.00....	.05	.10	.30	1.00
	Round, clear bright scarlet, average size top, extra fine American grown strain.				
597	Scarlet Turnip White Tip Early, upper half bright scarlet, lower clear white.	.05	.10	.30	1.00
600	Crimson Giant Large, bright crimson.	.05	.10	.30	1.00
602	French Breakfast Oval shaped, upper half bright red, lower white.	.05	.10	.30	1.00
605	Long White Icicle Very brittle and tender. Fine radish for summer.	.05	.10	.30	1.00

WINTER RADISH

For Winter use, plant the seed in July and thin out to at least 6 inches between each plant as the top is quite large and the roots must have room to develop.

611	Round Black Round, black roots, white inside.	.05	.10	.35	1.25
612	Long Black ..........	.05	.10	.35	1.25

RUTABAGA

	Pkt.	Oz.	¼ Lb.	Lb.
620 American Purple Top.....	.05	.10	.35	1.25
Upper half reddish purple, lower yellow, sweet and tender. Good keeper for winter.				
621 Bangholm Purple Top.....	.05	.10	.35	1.25
Upper half purple, lower yellow, small, short neck. Best variety for shipping and storing. Yellow flesh, mild and tender.				
626 Yellow Perfection .....	.05	.10	.40	1.50
Small, extra fine variety for cooking, yellow meat, purple top.				

SALSIFY

Sow in early May, thin out to about 3 inches between plants.

630 Sandwich Island or Oyster Plant.....	.05	.20	.60	2.00
Long, smooth, creamy yellow roots.				

SWISS CHARDS

Belongs to the Beet family and grown for its juicy tender leaves and stems which are used as Beet greens. Thin out to about 6 inches between each plant.

709 Fordhook Giant .....	.10	.25	.75	2.50
Dark green, crumbled leaves; wide white midrib.				
710 Lucullus .....	.10	.25	.75	2.50
Large, yellow-green crumbled leaves, creamy-yellow stalk.				

SPINACH

	Pkt.	¼ Lb.	Lb.	10 Lb.
640 Bloomsdale .....	.05	.25	.85	8.00
Re-selected, early, glossy green, crumbled, large leaves.				
641 Bloomsdale Longstanding .....	.05	.25	.85	8.00
As early as Bloomsdale and similar in every way, except it stands a longer time before bolting to seed.				
643 Special Summer Savoy.....	.....	.....	.85	8.00
A special strain which is more resistant to hot weather than the other strains of Bloomsdale, but has slightly smaller leaves, darker green and more crumpled.				
644 Old Dominion .....	.....	.25	.85	8.00
Longstanding, blight resistant, dark green, crumbled leaves.				
645 Viking .....	.....	.25	.85	8.00
Dark green longstanding, large-leaved.				
646 Zenith .....	.....	.25	.85	8.00
Dark green roundleaved; frost resistant.				
647 Nobel Giant .....	.....	.25	.85	8.00
Large smooth dark green arrow shaped leaves; slow to go to seed.				
648 Juliana .....	.05	.25	.85	8.00
An improved Victoria, stands longer before bolting to seed.				

	Pkt.	Oz.	¼ Lb.	Lb.
Mustard Spinach, Tendergreen .....	.05	.10	.30	.....
652 New Zealand .....	.05	.20	.60	2.00

Grows in bush form with short juicy branches and thick juicy leaves which can be cut off and cooked as spinach. Can be cut several times during the summer. The plants can be transplanted or thinned out as they should have at least a foot between each.



Tomato Kondine



Squash Table Queen

SQUASH

Plant 6-8 seeds in hills 5-6 feet apart or between rows of corn.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
660 Des Moines or Table Queen.....	.05	.15	.45	1.50
Small, acorn shaped, dark green, deep ribbed, good quality.				
661 Des Moines Larger Type.....	.05	.15	.50	1.75
About one-third larger than ordinary strain.				
662 New Brighton Hubbard .....	.05	.20	.60	2.00
Larger than the regular Hubbard.				
663 Hubbard—Green Warted .....	.05	.20	.60	2.00
Large, dark green, heavily warted, thick meat, good keeper.				
664 Blue Hubbard .....	.05	.20	.60	2.00
Blue-grey, large, good quality and keeper.				
665 Buttercup .....	.05	.20	.60	2.00
New, rather small turban shaped, very fine quality and good keeper.				
666 Green Gold .....	.05	.20	.60	2.00
Buttercup or Turban Type, orange green with darker stripes, very sweet and tender orange flesh.				
667 Early Summer Crockneck.....	.05	.15	.40	1.50
Long, slender, crooked, yellow, Summer Squash.				
669 Straight-neck Summer Squash.....	.05	.15	.40	1.50
670 Early White Bush Scallop.....	.05	.15	.40	1.50
White Patty Pan, very prolific, small, flat, white, crinkled edge. Fine vegetable for use when young or about 2 inches in diameter.				
671 Turban Squash .....	.05	.20	.60	.....
Large, weighing 6 to 8 lbs. Variegated colors, mostly yellow, green and red.				
673 Banana Squash, Pink.....	.05	.20	.60	2.00
Long pinkish Winter squash; resists insects.				
674 Sweet Potato Squash .....	.05	.20	.60	2.00
Small, very sweet and delicate.				
675 Zucchini, Grey .....	.05	.10	.35	1.25
Mottled or striped greenish yellow.				
676 Vegetable Spaghetti .....	.05	.20	.....	.....
When boiled it looks something like golden spaghetti.				
677 Zucchini, Black .....	.05	.15	.40	1.50
Deep black-green skin.				

SWEET CORN

Plant 3 or 4 seeds in a hill and for the early varieties have at least 1½ feet between hills. For later varieties, 2 to 2½ feet. We have tried to list the varieties below according to their earliness. The earliest first and the late last. It is recommended to treat Sweet Corn Seeds with Semesan Jr. before planting.

		¼ Lb.	Lb.	10 Lb.
680	Early Golden Sweet Short stalk and small ears.	.10	.30	2.50
681	Sunshine Very early, large ears, creamy yellow.	.10	.30	2.50
682	Earlygold Very early Hybrid, ears 6-8 inches long slightly tapering and very uniform, stalks about 5 ft. Maturity 64-72 days according to locality.	.15	.45	3.25
683	Golden Hummer Very early, fairly large ears.	50 lbs. \$9.00 .10	.30	2.40
684	Kings-cross Bantam 8 Row Hybrid Double-crossed Golden Bantam. Very early yellow, high quality.	50 lbs. \$16.00 .15	.45	3.75
685	Hybrid Blend Bantam 72-87 day; 8 row Golden Bantam; mixed of several crosses, thereby giving a better corn over a longer season than the Kings-cross.	.15	.45	3.75
686	Golden Cross Bantam 87 day; 10-12 row early Bantam Hybrid.	.15	.50	4.00
687	Eight Row Single Cross Bantam Hybrid M.; 72 day. A favorite with Truck Gardeners.	50 lbs. \$20.00 .10	.60	5.00
688	Extra Early Golden Bantam Special early variety.	50 lbs. \$10.00 .10	.30	2.40
689	Golden Bantam Standard yellow Sweet Corn.	50 lbs. \$10.00 .10	.30	2.40
696	Golden Country Gentleman New corn almost exactly like Country Gentlemen, except this has the same yellow color as Golden Bantam.	.10	.30	2.50
697	Black Mexican Very sweet, reddish black ears.	.10	.30	.....
699	Bantam Evergreen Very sweet, large yellow, tall stalk.	50 lbs. \$10.00 .10	.30	2.40
703	Stowell's Evergreen Tall, late, very large white ears.	50 lbs. \$10.00 .10	.30	2.40

TOMATO

One method to grow early Tomatoes is to plant strong, healthy plants of a good early variety, about 1½ feet apart, in rows about 3 feet apart, then, at the same time set along side each plant a fairly heavy stake. A Tonkin cane, 5 ft. long and ½ to ¾ inch thick is good. As the plant grows, the main or center stem should be tied loosely with Raffia to the stake and all side-shoots or suckers trimmed off. When 5 or 6 flower clusters are set, the top of the plant should also be taken off, but one leaf must be left over the top flower. That way there will not be so many Tomatoes on the plants, as when letting it grow its own way, but the tomatoes will mature much earlier and the fruit will be perfect. If more than 5 or 6 clusters are wanted from a plant, the two bottom side branches can be left growing and tied on the stake, and stopped when 3 clusters are set. Varieties are listed as to their earliness, the earliest first.

		Pkt.	Oz.	¼ Lb.
720	Special Kondine Forcing strain for Greenhouses, disease resistant, very heavy bearer, fruit rather small, but extra good quality. Danish Greenhouse grown seed.	.75	8.00	.....
722	Vetomold Greenhouse Tomato from Canada, resistant to leaf mold and black rot.	.25	1.50	.....
723	Danish Export Medium to small size fruit of extra fine quality, very heavy bearer. Good for Greenhouse growing and out-doors in the north.	.10	.60	.....

TOMATOES—Continued

	Pkt.	Oz.	¼ Lb.
725 Bison Very early, produces a good crop without pruning.	.10	.50	.....
726 Denmark Very early and very prolific, not large, fine flavor.	.10	.50	.....
728 Victor Very early, compact growing, deep globe shaped fruit, smooth.	.10	.60	.....
729 Bounty One of the earliest and very heavy producer of medium sized fruit.	.10	.75	.....
730 Special Earliana Does not resemble Earliana in any way but the name and earliness. The fruit is almost round, does not crack, is more firm. We can highly recommend this strain.	.10	.75	.....
734 Earliana Regular, good, early strain.	.05	.40	1.50
735 Firesteel Scarlet fruit, medium size, smooth globular, uniform, early.	.10	.50	1.75
738 Stokesdale Can be compared in size and shape with Marglobe and as early as Bonny Best.	.05	.50	1.75
739 Break-O-Day Blight resistant, globe shaped.	.05	.40	.....
740 Scarlet Dawn New variety, slightly earlier than John Baer. Medium large fruit, thick wall structure, globular, smooth, bright scarlet.	.10	.35	1.25
743 John Baer Round, smooth, medium size, very good standard variety for main crop.	.05	.40	1.50
744 John Baer Select.....	.05	.60	2.00
745 Bonny Best, Certified Very good quality, firm and solid. Good for main crop.	.05	.40	1.50
746 Red Head Bright red, nearly globe shaped, good quality for main crop.	.05	.35	1.25
751 Matchless Large, smooth, bright red.	.05	.40	.....
753 Pritchard or Scarlet Topper, Certified Extra good disease resistant variety, bright scarlet.	.05	.40	1.50
754 Greater Baltimore Deep scarlet, medium to large, flattened globe, solid flesh.	.05	.40	1.50
758 Dwarf Champion Short stalk, sturdy plants, fine flavored, pink.	.05	.40	1.50
760 Beauty Pinkish purple, heavy, fairly large, fine flavored.	.05	.40	.....
762 Beefsteak Very large, late.	.05	.50	.....
763 Marglobe, Certified Disease resistant, fairly late, good quality.	.05	.40	1.50
764 Tangerine Orange yellow, large fruit.	.10	.....	.....
767 Rutgers, Certified New late variety, deeper than its horizontal diameter, small seed cavity, heavy cross walls, ripens from inside.	.05	.40	1.50
768 Norton—Wilt Resistant Stone Standard late variety, very firm, smooth and bright, extra good quality.	.05	.40	1.50
770 Golden Queen Large yellow.	.05	.50	.....
771 Snowball Creamy white, medium size fruit.	.10	.....	.....
773 Oxheart Very large, heart shaped, fine flavored.	.05	.80	.....
776 Ponderosa Very large, fine flavored, pink.	.05	.50	1.50

TOMATOES—Continued

	Pkt.	Oz.	¼ Lb.	Lb.
777 Yellow Ponderosa .....	.05	.50		
778 Yellow Peach .....	.05	.50		
779 Yellow Plum .....	.05	.40		
Small yellow, plum shaped.				
780 Yellow Pear .....	.05	.50		
Small, yellow, pear shaped.				
781 Red Cherry .....	.05	.60		
Cluster of red fruit, slightly larger than cherries.				
786 Ground Cherry or Yellow Husk.....	.05	.50		
Yellow sweet fruit inside grey husk.				

TURNIP

For successive crop, this can be seeded from early April till late August.

	Pkt.	Oz.	¼ Lb.	Lb.
793 Early Purple Top White Milan.....	.05	.10	.30	1.00
Smooth, sweet flavored, flat.				
795 Purple Top Strap Leaf.....	.05	.10	.30	1.00
Flat, very early.				
798 Snowball .....	.05	.10	.30	1.00
Globe shaped, white, early.				
800 Early Purple Top Globe.....	.05	.10	.25	.80
Can be picked when small for cooking or left to grow large for cattle feed. Not a good keeper.				
804 Shogoin .....	.05	.10	.30	1.00
Can be used as a foliage green and have round sweet roots which are of good quality.				
806 Danish Bortfelder .....	.05	.10	.25	.80
Large yellow, grows very large, good winter keeper.				



SPINACH
JULIANA

FLOWER SEEDS

We have keyed most of the varieties as to whether annuals, perennials or pot plants, and have used the following designations:

- a annuals
- b biennials
- c climbers
- p perennials
- g greenhouse potplants
- r can be used in rock gardens
- * Perennials which can be used in rock garden.

When ordering either the name or the number in front of the name can be used. Not necessary to mark both.

a ABRONIA

	Pkt.	¼ Oz.	Oz.
1002 Umbellata, Sand Verbena, lavender pink.....	.10	.15	.40

Sow indoors in February or March.

p ACHILLEA

1006 Ptarmica, The Pearl, white.....	.10	.80	.....
1007 Filipendula, Parker's variety, yellow.....	.10	.80	.....
1008 Millifolium, ruber, magenta .....	.10	.70	.....

Sow in spring or early summer in protected place or frame, transplant in early Fall or early spring to permanent place.

p ACONITUM (Monkshood)

1013 Fischeri, large pale blue, 2 to 3 ft. tall.....	.15	.60	.....
1015 Wilsoni, rich blue, tall.....	.15	.....	.....

Sow in Fall and Transplant following Spring when plants are large enough.

a ACROCLINIUM, Everlasting

1022 Mixed, double, new large flowered.....	.05	.25	.80
---	-----	-----	-----

Sow in open ground in Spring.

a AGATHEA

1035 Coelestis, blue daisy10	.30
----------------------------------	-----	-----	-------

Sow under glass in early spring for early flowers, or in open ground for late blooming.

a AGERATUM

1037 Midget Blue, new, grows 2-3 inches high, foliage delicate, almost covered with small Ageratum blue flowers.....	.15	1.50	.....
1040 Little Blue Star, very dwarf and compact.....	.15	.60	.....
1042 Blue Perfection, large flowered about 8 inches tall.....	.10	.25	.80
1043 Silver Star, new dwarf white.....	.15	.....	.....
1044 Purple Perfection, deep purple-blue.....	.10	.25	.....
1045 Pinkie, very dwarf pink.....	.15	1.00	.....
1046 Tall Blue, 1½ to 2 feet tall.....	.10	.20	.60

For May blooming, sow in early January; if sown in open ground in May, they will bloom in late Summer.

p AGROSTEMMA (Rose Campion) (Mullein Pink)

1053 Coronaria, red, white woolly foliage.....	.05	.20	.60
1054 Flos Jovis, magenta rose.....	.10	.20	.....

Sow in late Spring or early Summer, transplant in early Fall to permanent place.

a ALYSSUM, (Sweet Alyssum)

		Pkt.	¼ Oz.	Oz.
1069	Little Gem , white, about 4 inches high.....	.05	.15	.50
1071	Procumbens, Snowcloth , very low, pure white, without green center .....	.10	.25	.80
1075	Lilac Queen , light lilac.....	.05	.15	.50
1076	Violet Queen , deep lilac, much darker than Lilac Queen <i>For blooming in May, sow in late March under glass and for blooming in July, sow in open ground in May.</i>	.10	.35	.....
pr 1080	Saxatile Compactum , (Gold Dust) yellow, blooms in May and June. Sow in May or June and transplant in September to permanent place.....	.10	.25	.80
pr 1081	Argenteum , yellow, silvery foliage.....	.25	.....	.....

ar ANAGALLIS, (Pimpernel) about 8 inches high

1097	Grandiflora , scarlet, red Pimpernel.....	.10	.25	.80
1098	Grandiflora , blue, small-flowered, clear sky-blue, compact .....	.10	.25	.80
1099	Mixed colors <i>Sow in open ground in late May, or under glass in late March. Space plants 6 inches apart.</i>	.05	.20	.75

ANCHUSA

1105a	Blue Bird , deep blue, 2 feet high..... <i>Sow in March under glass or in open ground in May. Space plants at least a foot apart.</i>	.05	.15	.45
p 1107	Italica, Dropmore variety , deep blue, very showy, 6 feet tall .....	.10	.20	.60
p 1110	Myostidiflora , blue .....	.25	4.00	.....
<i>Resembles Forget-me-not. Early Spring blooming, a very good perennial.</i>				

pr ANEMONE CORONARIA (Windflower)

1115	St. Brigid , double and half double, large range of colors .....	.10	.50	.....
<i>Sow seed in the spring and dig up the Corms or Bulbs before freezing, as they are not hardy in this climate. One year old bulbs will bloom.</i>				

ANGELONIA

1122	Grandiflora , lilac .....	.25	.....	.....
1123	Grandiflora , white .....	.25	.....	.....
<i>Annual greenhouse plant for pots or cut. Should be a good cut flower for outside as well as indoor growing, especially the white variety.</i>				

pr ANTHEMIS (Chamomile)

1126	Tinctoria Kelwayii , yellow daisy.....	.10	.25
------	---	-----	-----	-------

a ANTIRRHINUM, (Snapdragon)

Forcing strain

1132	Bertha Bauer , lavender	1.00	.....	.....
1134	Cheviot Maid Supreme , deep pink.....	1.00	.....	.....
1136	Ceylon Court , yellow	1.00	.....	.....
1138	Christmas Cheer , rose pink.....	1.00	.....	.....
1140	Ethel , large bright golden yellow.....	1.00	.....	.....
1143	Glorious , deep golden bronze, deeper color than After-glow	1.00	.....	.....
1148	Klondyke Supreme , yellow.....	1.00	.....	.....

a ANTIRRHINUM—Continued

		Pkt.	¼ Oz.	Oz.
1149	La France, soft pink.....	1.00	.....	.....
1151	Miss Wooster, dark bronze.....	1.00	.....	.....
1152	Lucky Strike, pure white.....	1.00	.....	.....
1160	Rose Queen, deep pink.....	1.00	.....	.....
1165	Velvet Supreme, deep red.....	1.00	.....	.....
1166	White Cheviot Maid	1.00	.....	.....
1168	Yellow Cheviot Maid	1.00	.....	.....

SNAPDRAGONS for outside growing

1170	Majus Grandiflorum, tall, mixed, rust resistant.....	.10	.60	2.00
1183	" " Buttercup, Rust resistant.....	.10	.80	.....
1185	" " Rosalie, Rust resistant, new deep rose, an all American award.....	.10	.80	.....
1189	" " Shasta, Rust resistant, white.....	.10	.80	.....
1190	" " Stoplight, Rust resistant, vivid red .....	.10	.80	.....
1193	Maximum, Mixed, Rust Resistant.....	.10	.60	2.00
1195	" Alaska, white, Rust Resistant.....	.10	.80	.....
1196	" Appleblossom, delicate pink, Rust Resistant .....	.10	.80	.....
1197	" Canary Bird, yellow, Rust Resistant.....	.10	.60	.....
1199	" Campfire, scarlet, Rust Resistant.....	.10	.60	.....
1201	" Christmas Candle, Rust resistant, bright flame color, waxy cream tube.....	.10	.60	.....
1203	" Copper King (Indian Summer) coppery red, Rust Resistant.....	.10	.60	.....
1205	" Crimson, Rust Resistant.....	.10	.60	.....
1209	" Paradise Rose, Rust resistant rose pink.....	.10	.60	.....
1217	" Loveliness, soft pink, Rust Resistant.....	.10	.60	.....
1218	" Salmon, Rust Resistant.....	.10	.60	.....
1229	Nanum Grandiflorum, mixed, large flowered, half tall....	.05	.60	2.00
1232	" " Black Prince, dark purple, dark leaves .....	.10	.80	.....
1234	" " Du Barry, bright salmon rose.....	.25	1.25	.....
1260	" " Royal Rose, new, deep rich rose .....	.10	.60	.....
1261	" " Royal Cerise, light Cherry red....	.10	.60	.....
1265	" " Welcome, clear crimson red .....	.10	.80	.....
1266	" " White Wonder, large-flowered .....	.10	.60	.....
1271	Majestic, mixed, Rust Resistant, half tall, largeflowered .....	.10	.60	.....
1273	" Celestial Rose, salmon rose, extra.....	.25	.....	.....
1275	" Dainty, soft pink, Rust Resistant.....	.25	.....	.....
1282	" Harmony, terracotta and yellow shaded rose, Rust Resistant .....	.25	.....	.....
1289	" Red Shades, Rust Resistant.....	.25	.....	.....
1290	" Rose Sensation, rosepink, Rust Resistant....	.25	.80	.....
1300	Tom Thumb, mixed, bushy plants about 8 inches tall .....	.10	.50	.....

For best results, sow Snapdragon under glass in early March, transplant and pinch the top off over the fifth pair of leaves and set out in open ground in May. Can also be sown in open ground in May and will then bloom late in the Summer.



SNAPDRAGON RUST RESISTANT

p AQUILEGIA (Columbine)

		Pkt.	¼ Oz.	Oz.
1310	Coerulea, blue (Rocky Mountain Columbine).....	\$0.10	\$0.60	\$2.00
1312	“ Mrs. M. Nichols, deep blue.....	.25	.....	.....
1315	Canadensis, scarlet and yellow.....	.10	.60	.....
1317	Chrysantha, yellow .....	.10	.....	.....
1320	Mrs. Scott Elliott's strain, extra fine long spurred.....	.10	.80	.....
1322	Rose Queen, soft rose.....	.10	.60	.....

Sow in Spring or Fall in open ground.

pr ARABIS (Rock Cress)

1330	Alpina Compacta, white, 6 inches tall. Blooms very early in Spring.....	.10	.....	.....
1331	“ “ Snowcap, pure white.....	.10	.....	.....
1332	Blepharophylla “Spring Charm,” deep rosy pink, 12 inches high .....	.25	.....	.....

Sow in late Spring. Can be transplanted in early Fall.

ar ARCTOTIS

1335	Grandis, African Lilac Daisy. 2 feet tall.....	.05	.15	.50
1338	Hybrida, many different colors, 6 in. tall.....	.15	1.00	.....

Sow in early April under glass or in late May in open ground.

pr ARENARIA

1343	Montana, white, large flowered, 8 in.....	.25
------	---	-----	-------	-------

pr ARMERIA (Thrift)

1352	Maritima, lilac rose.....	.25	.....	.....
1353	Formosa, large flowered hybrid.....	.25	1.25	.....

Sow in late Spring and transplant in Fall or Spring.

a ARNEBIA

1356—Cornuta

Showy little plant with small spikes of Golden yellow flowers,
blotched rich brown.

Pkt. ¼ Oz. Oz.
.25



ASTER OSTRICH FEATHER

a ASTER

		Pkt.	¼ Oz.	Oz.
1381	Dwarf Chrysanthemum-flowered, mixed.....	.10	.50	.....
1384	Lilliput, mixed, about 15" high, pyramidal plant, medium sized flowers produced freely, good for pots and borders .....	.15	.35	1.25
1385	Dwarf Triumph, mixed. Freeflowering, rather small flowers .....	.15	.50	.....
1390	Queen of the Market, mixed, wilt resistant.....	.10	.35	1.25
1391	" " " " white, wilt resistant.....	.15	.35	
1392	" " " " peachblossom, wilt resistant.....	.15	.35	
1393	" " " " rose, wilt resistant.....	.15	.35	
1395	" " " " crimson, wilt resistant.....	.15	.35	
1397	" " " " light blue, wilt resistant.....	.15	.35	
1398	" " " " purple, wilt resistant.....	.15	.35	

ASTER—Continued

			Pkt.	¼ Oz.	Oz.
	Early Royal ,	grows 1½ ft. branching, blooms shortly after Queen of the Market.			
1400	" "	white , wilt resistant .....	.15	.35	
1401	" "	Phlox pink , wilt resistant .....	.15	.35	
1402	" "	deep rose , wilt resistant.....	.15	.35	
1403	" "	lavender , wilt resistant .....	.15	.35	
1404	" "	purple , wilt resistant .....	.15	.35	
1405	" "	mixed , wilt resistant.....	.10	.30	
1426	Ostrich Feather ,	mixed , feathery or twisted petals about 2 feet tall, branching, best of the Crego or Comet class.....	.10	.35	1.25
1427	" "	white , wilt resistant .....	.15	.35	
1428	" "	shell pink , wilt resistant.....	.15	.35	
1429	" "	deep rose , wilt resistant.....	.15	.35	
1431	" "	light blue , wilt resistant.....	.15	.35	
1432	" "	purple , wilt resistant .....	.15	.35	
1441	American Branching ,	white , wilt resistant.....	.15	.35	
1442	" "	rose , wilt resistant.....	.15	.35	
1443	" "	peerless pink , wilt resistant.....	.15	.35	
1444	" "	shell pink , wilt resistant.....	.15	.35	
1445	" "	deep rose .....	.15	.35	
1446	" "	scarlet , wilt resistant.....	.15	.35	
1448	" "	azure blue , wilt resistant.....	.15	.35	
1449	" "	purple , wilt resistant.....	.15	.35	
1450	" "	mixed , wilt resistant.....	.10	.30	
1452	Early Beauty ,	mixed , late, tall branching.....	.15	.35	1.25
1454	" "	white , wilt resistant .....	.15	.40	
1455	" "	shell pink , wilt resistant.....	.15	.40	
1456	" "	deep rose , wilt resistant.....	.15	.40	
1458	" "	azure blue , wilt resistant.....	.15	.40	
1459	" "	purple , wilt resistant.....	.15	.40	
1460	Victory Giants ,	mixture of many good colors including salmon; earlier than California Giants. (An All American Selection.) .....	.25	1.50	5.00
1464	California Giant ,	very tall, branching. Comet type flowers, late, mixed .....	.15	.60	2.00
	Early Giant ,	wilt resistant, New Class, large flowered, heavy stemmed Aster; weeks earlier than California Giant, and not so tall.			
1465	Early Giant ,	light blue.....	.25	.80	
1466	Early Giant ,	peachblossom.....	.25	.80	
1467	Early Giant ,	Rose Marie , rich rose.....	.25	1.00	
1469	Giant Harmony Type ,	mixed , cutflower strain.....	.15	.60	
		Base branching, about 2 feet tall with large flowers, quilled center.			
1473	Super Giant El Monte ,	deep crimson.....	.15	.60	
1474	Super Giant Los Angeles ,	largest and most double Aster, soft shell pink.....	.15	.60	
1480	Giant California Sunshine ,	new, much larger flowers, mixed .....	.25	.60	

ASTER—Continued

		Pkt.	¼ Oz.	Oz.
1482	Aurora, Golden Sheaf, golden yellow, wilt resistant....	.25	.60	.....
1483	“ Lobelia Blue .....	.25	.60	.....
1493	Single, Giants of California Mixed, W. R., very large..	.10	.30	1.00
1494	“ Rainbow Mixture, W. R.....	.10	.25	.80
1496	“ dark blue .....	.10	.20	.60
1496	“ Glare of the Garden, scarlet.....	.10	.20	.60
1497	“ lavender or light blue.....	.10	.20	.60
1498	“ Marshall Joffre, deep scarlet.....	.10	.20	.60
1499	“ Rose .....	.10	.20	.60
1500	“ White .....	.10	.20	.60
1533	Heart of France, deep red, wilt resistant.....	.15	.50	.....
1535	Ball's White, early, wilt resistant.....	.25	.50	1.75
1536	“ “ late, wilt resistant .....	.25	.50	1.75

Sow Asters under glass in late March and have plants ready to set out in late May. Or sow seeds in open ground after the middle of May.

p ASTER—Perennial Varieties (Michelmas Daisy)

1540	Alpinus, blue, early blooming, 10 in.....	.10	.75	.....
1546	Nova Anglia, New England Aster, mixed.....	.10	.80	.....
1548	Subcoeruleus, Florist Delight, lavender blue, yellow disc, perpetual blooming.....	.25	1.25	.....
1554	Largeflowered varieties, mixed.....	.10	.75	.....

g ASPARAGUS

1365	Plumosus .....	.10	.30	1.00
1367	Sprengeri .....	.10	.25	.80

An oz. contains about 700 seeds.

pr AUBRIETIA (about 5 inches high)

1565	Bouganvillei, violet .....	.25	.....	.....
1566	Eyrii, blue .....	.25	.....	.....
1567	Leichtlini, rose carmine .....	.25	.....	.....
1569	Large flowered Hybrids, mixed.....	.15	.60	.....

Sow under glass in Spring or early summer or in a box or frame.

a BALSAM

1578	Double Camelia-flowered, mixed .....	.05	.20	.60
	In separate colors; 1580 crimson, 1581 chamois, 1582 malmaison pink, 1583 scarlet, 1584 white, 1585 salmon, 1586 dark blue, each.....	.10	.25	.....
1587	Dwarf varieties mixed .....	.10	.20	.60
1588	Bush Flowered, new, flowers more protruding, short compact habit, mixed .....	.10	.40	.....
	In separate colors; 1591 Cinnabar; 1592 rose; 1593 scarlet; 1594 white each .....	.10	.60	.....

Sow in early March under glass, put in small pots and set in garden in early June, or put in larger pots for Pot-plants.

p BAPTISIA (False Indigo)

1590	Australis, 3 ft. tall, bushy, Lupin-like blue flowers.....	.10	.30
------	--	-----	-----	-------

a BARTONIA

1595	Aurea, 12 inches, clear yellow.....	.05	.15
------	-------------------------------------	-----	-----	-------

Sow in open ground in May.

a BEANS

	Pkt.	¼ Oz.	Oz.
1598 Scarlet Runner, red-flowered, climbing.....	.05	.....	.....

g BEGONIA, tuberous rooted

1605 Hybrid Grandiflora Crispa, frilled edges, mixed .....	.25	.....	.....
1606 Double, very choice colors, large-flowered.....	.50	.....	.....
1607 Mixed varieties .....	.25	.....	.....

g BEGONIA, fibrous rooted

1611 Bedding Queen, about 10" tall, blush pink..... $\frac{1}{64}$ oz.	\$1.50	.25	.....
1612 Erfordia, light rose..... $\frac{1}{64}$ oz.	\$1.00	.25	.....
1614 Elegant, white with Pink edge..... $\frac{1}{64}$ oz.	\$1.50	.25	.....
1617 Christmas Cheer, crimson scarlet..... $\frac{1}{64}$ oz.	\$1.50	.25	.....
1618 Gracilis Luminosa, scarlet, dwarf, dark leaved	$\frac{1}{64}$ oz. \$1.50	.25	.....
1619 The Queen, about 12" tall, light pink..... $\frac{1}{64}$ oz.	\$1.50	.25	.....
1620 White Pearl, about 10" tall, pure white..... $\frac{1}{64}$ oz.	\$1.50	.25	.....
1622 Primadonna, everblooming rose..... $\frac{1}{64}$ oz.	\$1.50	.25	.....
1623 King of the Reds, very dwarf, glowing scarlet	$\frac{1}{64}$ oz. \$2.00	.25	.....
1624 Carmen, dwarf, bright rose bronze foliage.....	.25	.....	.....
1625 Scandinavia, rose and carmine..... $\frac{1}{64}$ oz.	\$2.00	.25	.....

a BIDENS (The Black Dahlia)

1650 Atrosanguinea, Cosmos-like, dark red flowers, about 18 in. tall .....	.10	.60	.....
1651 Humilis, yellow. Resembles a miniature cosmos.....	.10	.15	.....

Sow in March under glass, or in the open ground in May.

p BOCCONIA (Plume Poppy)

1654 Cordata, ornamental, grey-green foliage.....	.10	.20
---	-----	-----	-------

BELLIS (English Daisy)

	Pkt.	⅛ Oz.
1636 Monstrosa, white .....	.25	1.50
1637 " pink .....	.25	1.50
1640 " mixed .....	.15	1.50

Low growing, free-flowering, double Daisies which are perennials in warm climates, but here, should be used as annuals. For Spring blooming, they should be seeded in January or February and can be set in the garden in early May. The Monstrosa and Gigantea makes a very good cut-flower, except the stem is only 4 to 6 in. long.

p BOLTONIA (False Chamomile)

	Pkt.	¼ Oz.	Oz.
1660 Asteroides, white, very late flowering, 4-6 ft.....	.10	1.00	.....
1662 Latisquama, mauve pink .....	.10	.60	.....

Sow in late Spring for next year's plants.

a BRACHYCOME (Swan River Daisy)

1666 Iberidifolia, blue, 10 inches.....	.05	.20	.60
---	-----	-----	-----

Sow in open ground in late May.

BROWALLEA

1678 Elata, white .....	.10	.50	.....
1679 Elata, blue, pretty blue annual. Can be sown in open ground in May.....	.10	.50	.....
1680 Speciosa Major, large, deep blue, Petunia-like flowers	.25	.....	.....
1681 Viscaria Compacta Sapphire, small fld. blue.....	.25	.....	.....

CACTUS

	Pkt.	¼ Oz.	Oz.
1688 Different Varieties, mixed.....	.25	.....	.....

Calceolaria is one of the most popular pot plants and several hybrids have been developed. One of the newest and best in the Grandiflora type is the Mona strain. This is a dwarf or low growing strain, uniform in size and very floriferous. The flowers are large, tigered or spotted in beautiful color combinations.



CALCEOLARIA MONA STRAIN

g CALCEOLARIA

	Pkt.	¼ Oz.	Oz.
1689 Hybrida Grandiflora Mona strain , large-flowered dwarf, uniform compact plants, tigered flowers in good mixture	1.00	.....	.....
1690 Hybrida Grandiflora Nana , tigered, large-fl. dwarf compact plant	1.00	.....	.....
1691 Small packet .....	.25	.....	.....
1692 Multiflora nana , Hybrid mixed, compact dwarf, free flowering. Trade Pkt., \$1.00.....	.25	.....	.....
1695 Mexicana , pale yellow.....	.25	.....	.....
<i>For winter or spring blooming, sow in July or August.</i>			

a CALENDULA (Pot Marigold)

1697 Ball's Orange , long stems.....	.10	.25	.80
1698 " Gold , deep golden yellow.....	.10	.25	.80
1699 " Masterpiece , bright orange, dark center.....	.10	.25	.80
1700 Campfire (Sensation), orange with scarlet sheen.....	.10	.25	.80
1701 Dania , deep orange, dark center, if any.....	.10	.20	.60
1702 Lemon Queen , light yellow.....	.05	.20	.60
1703 Orange King , bright orange.....	.10	.25	.80
1704 Orange Shaggy , lacinated or twisted petals, distinct type of this popular flower.....	.10	.25	.80
1705 Radio , orange, globular flowers, quilled petals.....	.10	.20	.60



CALENDULA DANIA

CALENDULA—Continued

	Pkt.	¼ Oz.	Oz.
1710 Radio Golden Beam , bright golden yellow.....	.10	.20	.60
1711 Orange Fantasy , deep orange, red tip.....	.10	.30	1.00
1712 Sunshine , bright golden yellow. Resembles a Japanese Chrysanthemum, some growing 2 ft. tall, narrow dark green leaves, long stiff stems.....	.10	.20	.60
1713 Sunshine, Orange, New.....	.10	.20	.60
1714 Mixed varieties .....	.05	.10	.30

For Summer blooming, sow in open ground in May. Plants should be at least 6 in. apart.

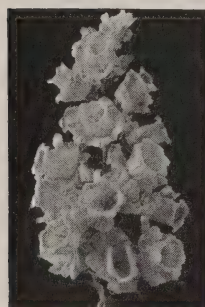


CALENDULA CAMPFIRE

Calendula is one of easiest grown annuals and can be sown where wanted, but transplants very easily. Many varieties are to be had and they are all good. Campfire is about the deepest orange and Lemon Queen the lightest yellow. The rest of the varieties are also more or less orange or yellow in different shapes of flowers.



Canterbury Bell



Cup and Saucer



CALLIOPSIS GOLDEN CROWN

a CALLIOPSIS

		Pkt.	¼ Oz.	Oz.
1716	Bicolor Marmorata, yellow and brown, 2 ft.....	.10	.20	.50
1718	“ Hybrida, fl. pl. half double, 2 ft.....	.10	.20	.50
1719	Crimson King, 1½ ft.....	.10	.20	.50
1720	Golden Ray, star-shaped, 1 ft.....	.10	.20	.50
1721	Golden Wave, yellow, 1½ ft.....	.10	.20	.50
1722	Golden Crown, large flowered, golden yellow with maroon center, new.....	.10	.20	.60
1724	Mixed .....	.05	.10	.30

Sow in May in open ground.

pr CALLIRHOE

1728	Involucrata, crimson15	1.00
------	----------------------------	-----	------	-------

Sow in late Spring and transplant in early Fall.

CANARY BIRD VINE

2793	Tropaeolum Canariensis, yellow flowered climber.....	.05	.20	.60
------	--	-----	-----	-----

a CARDINAL CLIMBERS

1801	Ipomoea, Quamoclit Hybrids, fern like foliage, numer- ous bright scarlet flowers.....	.10	.35	1.25
------	--	-----	-----	------

*Sow in open ground in May or sow in small pots in April,
and set out when danger of frost is passed.*

CAMPANULA

		Pkt.	¼ Oz.	Oz.
1730	Annual Canterbury Bell, Wedding Bell, pure white....	.10	.35	.....
1732a	" " " mixed .....	.10	.30	.....
1733	" " " Angelus Bell, rose.....	.10	.35	.....
1734	" " " Liberty Bell, violet blue.....	.10	.35	.....
1735	" " " Blue Bell, cambridge blue....	.10	.35	.....

Sow under glass in February or March for blooming in August.

1736*	Carpathica (Hare Bell), blue, 10 inches.....	.10	.60	.....
1744b	Medium (Canterbury Bell), mixed, single .....	.05	.20	.....
1745	" white .....	.05	.20	.....
1746	" rose .....	.05	.20	.....
1747	" blue .....	.05	.20	.....
1750b	" fl. pl. double, mixed.....	.10	.25	.....
1754b	Calycanthema (Cup and Saucer), mixed .....	.10	.40	.....
1755	" white .....	.10	.40	.....
1756	" rose .....	.10	.40	.....
1759	" blue .....	.10	.40	.....
1763	Persicifolia, white .....	.25	.....	.....
1764p	Persicifolia Coerulea, fl. pl. blue, Telham Beauty.....	.25	.....	.....
1768p	Pyramidalis, blue (Chimney Bell).....	.10	.50	.....

Sow in late May or June. The Bi-annuals need protection over winter.

a CANDYTUFT

1780a	Empress, white .....	.10	.15	.40
1779	Empress Nana, dwarf form of Empress.....	.10	.15	.....
1781	Giant Hyacinth-flowered, white .....	.10	.15	.50
1782	Lilacina, lilac .....	.10	.15	.40
1783	Purpurea, crimson .....	.10	.15	.40
1784	Rose Cardinal, rose pink.....	.10	.15	.50
1789	Mixed .....	.05	.10	.25
1790	Dwarf Hybrids, mixed .....	.10	.15	.40

Sow in open ground in May or later.

p CANDYTUFT

1795*	Gibraltarica, lilac, large-flowered.....	.10	.50	.....
1797*	Tenoreana, lilac to white.....	.10	.50	.....

Sow in late Spring and transplant in early Fall.

a CARDIOSPERMUM

1802	Balloon Vine, fast climber.....	.10	.15	.50
------	---------------------------------	-----	-----	-----

CARNATION

1808	Hardy Garden Carnation, mixed.....	.10	.60	.....
1810	Margarete, mixed colors .....	.10	.50	1.60
1811	Giant Malmaison, mixed .....	.10	.50	.....
1812	King of the Blacks, very deep red.....	.10	.75	.....
1815	Chabaud Giants, mixed, large flowers, early blooming	.10	.80	.....
1816	" White .....	.25	1.00	.....
1817	" Yellow .....	.25	1.00	.....
1818	" Cardinal Red .....	.25	1.00	.....
1819	" Rose .....	.25	1.00	.....

CARNATION—Continued

	Pkt.	¼ Oz.	Oz.
1825 Enfant de Nice , mixed, earliest large carnation. Blooms about 4 months after seeding and has over 90% double flowers. Stiff strong stems and flowers as large greenhouse carnations.....	.25	2.00	.....
In separate colors, 1826 white , 1827 salmon , 1828 rose , 1829 red , each.....	.50	.....	.....

Sow Carnation under glass in February or March and plant outside in late May or early June.

p CASSIA (Indian Senna)

1840 Marylandica , showy yellow flowers.....	.10	.40
---	-----	-----	-------

Not hardy, must be kept in Greenhouse over winter.

CATANANCHE (Everlasting)

1845 Coerulea , blue, 2 ft.....	.10	.40
--	-----	-----	-------

Half hardy perennial. If seeded early will bloom the first season.

a CELOSIA

1851 Cristata Nana , Cockscomb, dwarf, mixed.....	.10	.40	.....
1853 Flame of Fire , compact growth, bright colored.....	.25	.....	.....
1855 Plumosa Thompsoni Magnifica , large-flowered, mixed.....	.05	.25	.80
1859 Spicata , tall, bright rose changing to silvery white.....	.10	.30	.....
1860 Lilliput , Firebrand , glowing scarlet, 8 in.....	.25	.80	.....
1861 " Golden yellow .....	.25	.80	.....
1862 " mixed .....	.25	.80	.....
1863 Childsii , Chinese woolflower, mixed.....	.10	.40	.....

Sow in February under glass and set out in open ground when danger of frost is over. Plumosa pyramidalis can be sown in open ground in May. The Lilliput and Cristata varieties makes good pot plants.

CENTAUREA

1867a Americana , lilac, very large flowered.....	.10	.15	.40
1868 " mixed .....	.10	.15	.50

Sow in open ground in May.

1871 Candidissima , best variety of Dusty Miller.....	.10	.60	2.00
--	-----	-----	------

Sow under glass in January or February.

1875a Cyanus (Corn Flower or Bachelor Button), double mixed05	.10	.30
--	-----	-----	-----

1876 Cyanus Pinkie , double rose05	.15	.40
---	-----	-----	-----

1877 " Snowman " white05	.15	.40
--	-----	-----	-----

1878 " Blue Boy " blue05	.15	.40
--	-----	-----	-----

1879 " Red Boy " carmine05	.15	.40
--	-----	-----	-----

1880 " Black Boy " maroon05	.15	.40
---	-----	-----	-----

1882 " Jubilee Gem , Dwarf form, double blue.....	.10	.40
--	-----	-----	-------

1883 " " Lilac Lady , bright lilac mauve.....	.10	.40
--	-----	-----	-------

Sow in open ground in May or June.

1885a Gymnocarpa , Dusty Miller10	.15	.50
---	-----	-----	-----

Sow under glass in March.

1889a Imperialis (Sweet Sultan), mixed, sweet scented.....	.05	.15	.50
---	-----	-----	-----

1890 " white10	.20	.60
---------------------------	-----	-----	-----

1891 " brilliant rose10	.20	.60
------------------------------------	-----	-----	-----

1892 " amaranth red10	.20	.60
----------------------------------	-----	-----	-----

Centaurea Cyanus (Cornflower or Bachelors Button) are easily grown and can be had in several good colors, although the blue is the most popular. Lately a dwarf compact type, Jubilee Gem blue, has been introduced from England, and this year a lavender or lilac color is added to that. The Gem type is quite distinct from the old original type in being dwarf compact, with flower stems branching up from the base of the plant.



CORNFLOWER JUBILEE

CENTAUREA—Continued

	Pkt.	¼ Oz.	Oz.
1893 <i>Imperialis</i> , deep lavender .....	.10	.20	.60
1894 " purple .....	.10	.20	.60
1895 " <i>Lavender Beauty</i> , light lavender, cream center .....	.10	.20	.60
1896 <i>Moschatas</i> , mixed, very fragrant, free flowering.....	.05	.15	.50
1898 <i>Suaveolens</i> , yellow .....	.10	.20	.60
<i>Sow in open ground in May or June.</i>			
1907p <i>Montana</i> , white .....	.10	.25	.....
<i>Sow in open ground in May or June. Transplant in early Fall.</i>			

CENTRANTHUS

1910a <i>Macrosiphon</i> , pretty rosy pink annual, about 2 feet high10	.30
--	-----	-----	-------

pr CERASTEUM (Snow in Summer)

1916 <i>Tomentosum</i> , silvery white foliage, white flowers, creeping habit .....	.10	.....	.....
<i>Sow in Spring and transplant when large enough to move.</i>			

CHEIRANTHUS

1919br <i>Allionia Golden Bedder</i> , new, yellow companion to the orange .....	.10	.20	.....
1920br <i>Allioni</i> , orange (Siberian Wallflower), 8 inches.....	.05	.20	.....
1921a <i>Maritimus</i> (Virginian Stocks), mixed.....	.05	.10	.25

Sow in open ground in Spring.

p CHELONE

	Pkt.	¼ Oz.	Oz.
1925 Barbata Hybrida praecox , pink to coral red. 3-4 ft. early flowering. Resembles a small flowered Penstemon.....	.10	.25	.80

Sow in May or June.

CHRYSANTHEMUM

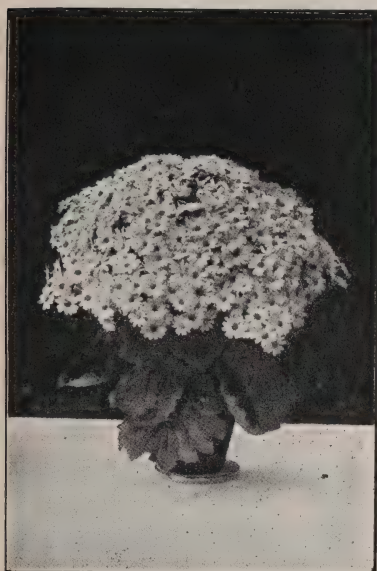
1930a Carinatum mixed , 1½ ft., various colors, mostly with yellow or white rings near center of flower.....	.05	.10	.30
1934 Carinatum Northern Star , giant white, yellow ring.....	.10	.15	.40
1938a Coronarum, mixed , 2 ft. bushy habit, yellow and white, double .....	.05	.10	.30
1939a Segetum, Morning Star , single, light yellow daisy.....	.05	.15	.40
1941 " Eastern Star , light yellow with dark center.....	.05	.15	.40
1942 " Eldorado , deep yellow, dark center.....	.10	.15	.40
1944a Inodorum , Bridal Robe, double, pure white, feathery foliage, bushy habit .....	.10	.40	.....
<i>Sow the above Chrysanthemums in open ground in May.</i>			
1945 Mawii , small pink fall-flowering, about 12 in. high.....	.10	1.25	.....
1946 Coreanum , Korean Chrysanthemum, mixed colors.....	.25	.....	.....
1947 Indicum, fl. pl. double, early blooming, similar to greenhouse Chrysanthemum .....	.25	.....	.....
1949 Japonicum Cascade , mixed, drooping branches.....	.25	.....	.....
<i>Sow under glass in February and transplant to open ground in May. Some of the plants usually survive the winter.</i>			
1953p Leucanthemum (Shasta Daisy), Alaska , re-selected strain .....	.10	.40	1.25
1954 " White Lady , double, early.....	.25	1.00	.....
1955 " Secundum , early blooming.....	.10	.25	.80
1956 " Mrs. C. Lowthian Bell.....	.10	.30	1.00
1958 " Ostrich Plume , large exhibition flowers, many double and semi-double.....	.25	.....	.....
1959 " Diener's Giant Double Shasta Daisy....	.25	3.00	.....

Sow in open ground in May or June.

a CINERARIA

1966 Cremers Strain , English grown seeds....1,000 seeds 1.00 .....	.....	.....	.....
1968 Hybrida Weissensee strain , medium dwarf plant, size of flowers between the multiflora and the maxima nana, heavy bloomer.....1,000 seeds 1.00 .....	.....	.....	.....
1967 Cremers Prize Mixture , Originators....Trade Pkt. 1.50 .....	.....	.....	.....
1969g Hybrida Grandiflora Maxima Nana , dwarf, large-flowered, extra choice strain.....1,000 seeds 1.00 .....	.25	.....	.....
1970 Semi dwarf mixed (H & S strain).....1,000 seeds 1.00 .....	.....	.....	.....
1971g Multiflora Nana , small-flowered, dwarf, extra choice mixture .....	.25	.....	.....
1972 " " Packet of 1000 seeds \$1.00			
1974 Cineraria, Nana multiflora grandiflora maxima , mixed 1.00 .....	.....	.....	.....

For winter blooming, sow in July or August. An easy pot plant to grow as it prefers cold temperature.



CINERARIA MULTIFLORA



Right: CINERARIA HYBRIDA
GRANDIFLORA MAXIMA NANA

a CLARKIA

		Pkt.	¼ Oz.	Oz.
1984	Elegans, fl. pl. double, mixed, 1½ ft.....	.05	.20	1.00
1985	" Salmonea, very fine clear color.....	.10	.30	1.00
1986	" Scarlet .....	.10	.30	1.00
1989	" White .....	.10	.30	1.00
1990	" Orange scarlet .....	.10	.30	1.00

Sow in open ground in May or June.

pcCLEMATIS

1995	Paniculata, white, small-flowered, shrubby climber.....	.10	.20
------	---	-----	-----	-------

a CLEOME (Spider Plant)

2002	Pungens Pink Queen, pink, 3 to 4 ft.....	.10	.50	1.75
2003	" white .....	.10	.....	.....
2004	Purple .....	.10	.....	.....

Sow in March under glass and plant in open ground in May or June.

a COBAEA (Cathedral Bell)

2007	Cobaea, Scandens, purple.....	.10	.20	.60
2008	" " mixed .....	.10	.20	.60

Sow under glass in March in pots.

COIX (Ornamental Grass)

2012	Lachrymae, Job's Tears.....	.1025
------	-----------------------------	-----	-------	-----

a COLEUS

		Pkt.	¼ Oz.	Oz.
2017	Rainbow Mixture, large-leaved.....	.25	3.00	.....
2019	Colosse des Pyrenees, large-leaved, red and white.....	.25	.....	.....
2020	Harlequin, red, white and green.....	.25	.....	.....
2021	Gloire de Vichy, large leaved, copper, rose and apricot colors predominating .....	.25	.....	.....

Sow under glass in February for bedding plants.

a CONVULVULUS

2025	Mauritanicus, blue, hanging plant for window boxes....	.10	.50	.....
2024	Minor, mixed, Dwarf Morning Glory.....	.05	.....	.15
2026	Royal Ensign, low growing, deep blue.....	.25	.....	.....

Sow in open ground in May.

p COREOPSIS

2030	Lanceolata Grandiflora, half-double yellow.....	.05	.15	.50
2031	Auriculata Superba, yellow with brown band around center .....	.10	.25	.....
2032	Mayfield Giant, larger flowers, larger stems, golden yellow .....	.10	.20	.60
2033	New Gold, double, large fluffy flowers.....	.10	.30	1.00

*Sow in open ground in Spring and set in permanent place in
early Fall or Spring.*

CREPIS

2063a	Rosea, deep pink Dandelion like flowers, about 1 ft tall	.10	.25
-------	--	-----	-----	-------

a CUPHEA

2073	Avalon Hybrids, mixed, many colors.....	.25	.....	.....
2074	Miniata, dwarf bushy, red.....	.10	.60	.....
2075	Firefly, bushy, bright scarlet.....	.10	.80	.....

Sow in early winter in a warm place.

g CYCLAMEN, English grown seeds.

		Pkt.	100 Seeds	1,000 Seeds
2078	pure white .....	.50	1.75	16.00
2079	white with carmine eye.....	.50	1.75	16.00
2083	Royal Rose .....	.50	1.75	16.00
2084	Cherry red .....	.50	1.75	16.00
2087	Scarlet King .....	.50	1.75	16.00
2088	Pink Pearl, salmon pink.....	.50	1.75	16.00
2089	Salmon scarlet .....	.50	1.75	16.00
2090	Rose of Zehlendorf .....	.50	1.75	16.00
2094	All colors mixed.....	.25	1.75	16.00

Cyclamen are mostly sown in August in Greenhouses.

a COSMOS

		Pkt.	¼ Oz.	Oz.
2037	Early Express Pink.....	.10	.25	.....
2038	" " Crimson .....	.10	.25	.....
2039	" " White .....	.10	.25	.....
2040	" " Mixed .....	.10	.25	.....

*Blooms in less than 2 months from seed. Flowers medium size,
plants half tall.*

Cosmos Sensation was introduced a few years ago by Mr. Edlund of White Bear, Minnesota, and is getting more and more popular. This type is much larger than the old type Cosmos and just as early as the Early Mammoth. It was introduced as a mixture only, mostly pink, but now all three colors can be had separately.



COSMOS SENSATION

aCOSMOS—Continued

		Pkt.	¼ Oz.	Oz.
2049	Sensation , new, very large, blooms 8 to 10 weeks after seeding. Flowers 4 to 6 inches across, long strong stems. Mixed colors.....	.10	.25	.80
2050	“ Purity , white .....	.10	.30	1.00
2051	“ Pinkie , pink .....	.10	.30	1.00
2048	“ crimson .....	.10	.30	.....
2052	Double Crested , mixed .....	.15	.50	.....
2053	“ “ white .....	.15	.50	.....
2054	“ “ pink .....	.15	.50	.....
2055	“ “ crimson .....	.15	.50	.....
2062	Klondike Orange Flare , new early-blooming, beautiful clear orange .....	.10	.25	.80
1651	Miniature Yellow .....	.10	.15	.....
	<i>Sow under glass in late March and set out in late May or early June, or sow in open ground after middle of May.</i>			

a CYNOGLOSSUM

2099	Amabile , blue, Chinese Forget-me-not.....	.05	.10	.30
2102	“ pink .....	.10	.15	.50
2103	“ Fairy Blue , Cambridge Blue.....	.10	.15	.50
2104	“ White .....	.10	.15	.50
2105	“ Firmament , dwarf compact, blue.....	.10	.25	.80
2101	Linifolium , white, a very useful flower for cutting.....	.05	.10	.20
	<i>Sow in open ground in May or later. Amabile should be spaced at least 8 in. apart. The Linifolium should not be thinned out as they do better when close together.</i>			

acCYPRESS VINE

		Pkt.	¼ Oz.	Oz.
2106	<i>Ipomoea Quamoclit</i> , mixed.....	.05	.15	.50

Sow in small pots in early April or in open ground in late May. A quick growing climber, small foliage, many flowers.

a DATURA (Trumpet Flower)

2123	<i>Wrightii</i> , Angels Trumpet, white, heavy, bushy growth, long trumpet-like flowers.....	.10	.20
------	--	-----	-----	-------

2124	<i>Fastuosa</i> , fl. pl. double trumpet, mixed.....	.10	.20
------	--	-----	-----	-------

Sow in small pots in late March and set out when danger of frost is over, or sow in open ground in late May. The plants should be spaced 1½ to 2 feet apart.



DELPHINIUM—Blackmore and Langdon Strain

p DELPHINIUM

		Pkt.	¼ Oz.	Oz.
2131	Belladonna, Cliveden Beauty, light blue.....	.10	.75	2.50
2132	Lamartine, deep violet blue, cream center .....	.25	1.00	.....
2133	Bellamosum, dark blue Improved strain.....	.10	.75	2.50
2137	Chinensis Grandiflorum, Chinese Larkspur, clear blue 3 feet .....	.10	.25	.80
2138	Chinensis, Butterfly, blue, 2 feet.....	.10	.25	.80
2139	“ white .....	.10	.40	.....
2142r	“ Tom Thumb, deep blue, 1 ft.....	.10	.30	.....
2143	Hybridum, single and double mixed.....	.10	.50	1.60
2152	“ Blackmore & Langdon strain, large- flowered, very choice colors, tall.....	.20	1.50	.....
2159	Pacific Hybrids, Round Table series, mixture of many new hybrids .....	.50	4.00	.....
2160	“ “ Blue Jay Series, true blue with black bee .....	.50	.....	.....
2161	“ “ Summer Skies series, clearest light blue with white bee .....	.50	4.00	.....
2162	“ “ King Arthur series, royal violet with white bee .....	.50	4.00	.....
2163	“ “ Galahad series, best white.....	.50	4.00	.....
2165	“ “ Black Knight series, darkest of all the Pacific Hybrids .....	.50	4.00	.....
2166	“ “ Guinevere series, light pink-lavender with white bee .....	.50	4.00	.....
2164	“ “ Lancelot series, lavender .....	.50	4.00	.....
2169	“ “ mixed, very good mixture, containing white .....	.25	3.00	.....

The Chinensis varieties will bloom the first season if sown under glass not later than March. The other varieties can be sown in May or June and transplanted as soon as large enough. Should give good satisfaction the following Summer.

DAHLIA

2110	Selecta, saved from a very choice collection, mostly decorative .....	.25	2.00	.....
2111	Cactus-flowered, double mixed. Very choice collection .....	.25	1.75	.....
2114	Coltness Hybrids, 1½ ft. ....	.10	.35	1.25
2119	“ white .....	.15	.65	.....
2120	“ yellow .....	.15	.65	.....
2121	“ scarlet glow .....	.15	.65	.....
2116	Pigmy, (Mignon), very dwarf mixed.....	.10	.60	.....
2117	Miniature, saved from a fancy collection.....	.25	.....	.....
2118	Unwin's Dwarf Hybrids, Semi-Double and Single. Highly recommended for bedding Dahlia.....	.10	.60	2.00

Sow in March and set the plants in open ground in early June. Nearly all will bloom the same summer and the desired tubers can be dug up and stored over winter.

DIASCIA

2215	Barbarae, coppery rose25
------	------------------------------	-----	-------	-------

p DICTAMNUS

2224	Fraxinella, red (Gas Plant).....	.25	.50	.....
2225	“ white .....	.25	.50	.....

Sow in Spring or Fall. Slow germinating, hard seed.

DIANTHUS

		Pkt.	¼ Oz.	Oz.
2179p	Barbatus, (Sweet William), single, mixed.....	.05	.25	.80
2180	“ pure white .....	.10	.30	.....
2181	“ auricula eyed, very large flowers.....	.10	.30	.....
2182	“ Harlequin, red and pink.....	.10	.30	.....
2183	“ dazzling red .....	.10	.60	.....
2184	“ Pink Beauty (Newport Pink) salmon rose .....	.10	.80	.....
2186	“ fl. pl., double, mixed.....	.05	.60	.....
2187	“ Dwarf Compact, mixed .....	.10	.80	.....
2188a	“ Chinensis, Annual Sweet William, mixed....	.05	.20	.60
2190*	Caesius (Cheddar Pink) light rose, 3 in.....	.10	.40	.....
2192ar	Chinensis fl. pl. double, Chinese Pinks, bright colors .....	.05	.15	.50
2194*	Deltoides, Maiden Pinks, bright carmine flowers, 6 in.....	.10	.80	.....
2195	Neglectus, Glacier Pink, rose pink.....	1000 seeds \$2.50	.35	.....
2196ar	Heddeiwigii, double, mixed, very bright colors, 12 in.....	.05	.25	.80
2197	“ single, mixed, very bright colors.....	.10	.30	.....
2199	“ Salmon King, double.....	.10	.40	.....
2200	“ Mourning Cloak, double, purple with white margin .....	.10	.40	.....
2201	“ Eastern Queen, single, rose.....	.10	.30	.....
2202ar	“ Fireball, fiery scarlet double.....	.10	.40	.....
2203	“ Salmon shades (carnation flowered).....	.10	.40	.....
2205	“ Splendens, bright scarlet, white center, single .....	.10	.40	.....
2207	“ Snowdrift, double, large white.....	.10	.40	.....
2208	“ Lucifer, double, orange scarlet.....	.10	.40	.....
2210	“ Gaiety, very large showy bright flowers, single .....	.15	.40	.....
2212	“ Pink Beauty, double delicate pink.....	.10	.40	.....
2213	“ Purity, double largeflowered white.....	.10	.40	.....
2214	“ Superbissima, very large various colors, crested surface on petals, white throat.....	.15	.75	.....
2204p	Hybridus Latifolius Atro-coccineus, double, scarlet....	.10	.30	.....
2206p	Sweet Wivelsfield, like an everblooming Sweet William .....	.10	.30	.....
2209*	Plumarius, fl. pl. mixed (Clove Pink).....	.10	.55	1.75
	“ Cyclops, red and rose shades.....	.10	.50	.....
	“ Scoticus, double Scotch Pinks, mixed.....	.25	3.00	.....
2211	Loveliness, fine lacinated or feathered flowers, mixed colors .....	.25	.....	.....
2216	Winteri, perennial new Pinks, compact habit, pure colors .....	.25	2.50	.....

The annual varieties can be sown in open ground in May or under glass in March for early blooming. The perennial varieties can be sown in May or later outside for next year's flowers.

a DIDISCUS

2228	Coeruleus, blue, Lace Flower, resembles scabiosa.....	.10	.25	.80
------	---	-----	-----	-----

Sow in pots, under glass in early March, or in open ground in May. Slow to grow.

b DIGITALIS (Foxglove)

2236	Monstrosa, mixed .....	.10	.50	.....
2237	The Shirley, large-flowered, light colors, 5 ft.....	.10	.50	.....

Sow in early summer for next year's flowers.

a DIMORPHOTHECA

2243	Aurantiaca, African Orange Daisy, 1 ft.....	.10	.35	1.25
2244	“ Hybrids, orange and yellow.....	.05	.30	.....
2246	Spectabilis, deep carmine rose, dark center.....	.10	.60	.....
2247	Glistering White .....	.10	.60	.....

Sow in open ground in May.

g DRACEANA

	Pkt.	¼ Oz.	Oz.
2252 <i>Indivisa</i> .....	.10	.20	.60
2253 <i>Australis</i> , more broad leaves.....	.10	.25	.80

p ECHINOPS

2258 <i>Ritro</i> , blue, Globe Thistle.....	.10	.30
--	-----	-----	-------

The dried pods are used for winter bouquets.

a ECHIUUM

2257 <i>Plantagineum</i> , blue05	.15
---------------------------------------	-----	-----	-------

prEDELWEISS

2259 <i>Leontopodium Alpinum</i> , white25
--	-----	-------	-------

p ERIGERON

2266 <i>Speciosus Grandiflorus</i> , rosy lilac.....	.15	.60
--	-----	-----	-------

Sow in late spring or early summer.

prERINUS

2269 <i>Alpinus</i> , violet red, 6 inches.....	.25
---	-----	-------	-------

p ERYNGIUM (Sea Holly)

2274 <i>Alpinum</i> , blue10	.60
----------------------------------	-----	-----	-------

Sow in late spring for next year's flowers. Can be dried for winter bouquets.

brERYSIMUM

2281 <i>Dwarf Compact</i> , golden yellow05	.20
---	-----	-----	-------

Will bloom first season if seeded early.

a ESCHOLTZIA (California Poppy)

2286 <i>California</i> , pure yellow .....	.05	.10	.25
2287 <i>Orange Flame</i> , orange scarlet .....	.05	.25	.80
2289 <i>Golden Glory</i> , double, golden yellow.....	.10	.40	.....
2290 <i>Hybrids</i> , many varieties, mixed, erect growing.....	.05	.20	.60
2291 <i>Brilliant mixed</i> , spreading habit.....	.05	.10	.20

Sow in open ground in late May or June.

p EUPATORIUM

2296 <i>Purpureum</i> , wine purple25
---	-----	-------	-------

Sow in open ground in Spring or Summer.

EUPHORBIA

2301a <i>Heteraphylla</i> (Mexican Fire Plant), Top of plant turns red in late summer.....	.10	.20	.....
2303a <i>Variegata</i> , Snow on the Mountain, Top of plant turns white .....	.10	.15	.50

Sow the Variegata in open ground in Spring and Heteraphylla in open ground in May or under glass in pots in March, as it does better when given an earlier start.

a FELICIA

2306 <i>Bergeriana</i> , King Fisher Daisy, blue with yellow disc..	.25
---	-----	-------	-------

FRANCOA

2307 <i>Ramosa Hybrids</i> , (Bridal Wreath), white.....	.25
--	-----	-------	-------

FREESIA

2304 <i>Tubergeni Hybrids</i> , fine mixture, large flowered, blooms 10 months after seeding.....	.25	.60	2.00
---	-----	-----	------

		Pkt.	¼ Oz.	Oz.
p GALEGA				
2321	Bicolor Hartlandi, white and lilac.....	.10	.25	.....
GERANIUM				
2326	Zonale, mixed, large flowered.....	.10	.....	.....
p GERBERA, (Transvaal Daisy)				
2325	Jamesoni Hybrida, beautiful cut-flower. Not hardy in this vicinity, 100 seeds .50			
GAILLARDIA (Blanket Flower)				
2308a	Indian Chief, bronze red, single.....	.05	.15	.50
2309	Picta, yellow and copper red, single, mixed.....	.05	.15	.50
2320	Picta Salmonea, Salmon shades.....	.05	.15	.50
2310	Lorenziana, double .....	.05	.15	.50
	<i>Sow in open ground in late Spring.</i>			
2313p	Bremen, coppery scarlet .....	.10	.40	.....
2314	Portola Hybrids, bronze red, large-flowered.....	.10	.30	.....
2315	Royale, good mixture of double and single.....	.10	.50	.....
2317	Grandiflora, mixed .....	.95	.25	.80
2319	Burgundy, large wine red flowers.....	.15	.60	.....
a GAZANIA				
2322	Splendens Hybrida grandiflora, mixed colors, dainty bright colored, low growing.....	.10	.60	.....
g GESNERIA				
2327	Hybrids, mixed. Fine pot plant for warm greenhouse, culture as for Gloxinia.....	.50	.....	.....
	<i>Sow in Summer for next year's flowers—or if sown in early Spring, many will bloom first season.</i>			
prGEUM				
2328	Lady Strahteden, golden yellow, double.....	.10	.60	.....
2329	Mrs. Bradshaw, bright red, double.....	.10	.60	.....
	<i>Sow in Spring or Summer, needs some protection in winter.</i>			
a GILIA (Thimble Flowers)				
2334	Capitata, blue or lavender.....	.05	.15	.50
2336	" mixed .....	.05	.10	.30
2337	Tri-Color, mixed .....	.05	.15	.50
	<i>Sow in March under glass or in May in open ground.</i>			
a GODETIA (Satin Flower)				
2349	Dwarf Mixture .....	.05	.20	.60
2350	Gloriosa, deep crimson red, 10 in.....	.10	.20	.60
2351	Grandiflora carminea, fl. pl. double, rosy carmine, 1½ to 2 ft. tall, fine cutflower.....	.10	.30	1.00
2352	Grandiflora rosea, fl. pl. light pink.....	.10	.30	1.00
2354	Azaleaflora, mixed, compact, double.....	.10	.40	.....
2355	" rosy carmine, double, compact growth.....	.10	.60	.....
2360	" Maiden Blush, bright pink.....	.10	.60	.....
2357	Sybil Sherwood, salmon pink.....	.10	.....	.....
2358	Wild Rose, rose pink.....	.10	.....	.....
2359	Thunderbolt, dwarf, dark crimson.....	.10	.40	.....
	<i>Sow in open ground in May and thin out to about 6 in. apart.</i>			

g GLOXINIA

	Pkt.	¼ Oz.	Oz.
2344 <i>Hybrida Grandiflora</i> , mixed, large bell-shaped flowers, Trade, Pkt., \$1.00 .....	.25	.....	.....
<i>Can be sown in a warm greenhouse and should bloom in 1½ to 2 years after seeding. We handle blooming size bulbs.</i>			

a GLAUCIUM (Horned Poppy)

2338 <i>Flavum</i> , yellow 1½ ft. high.....	.10	.35	.....
<i>Sow in March in pots or in open ground in May.</i>			

GLORY OF THE SUN

2340 <i>Leucocoryne ixioides odorata</i> .....	.50	.....	.....
<i>A bulbous, tender, perennial, has heads of large fragrant blue flowers on wiry stiff 18 inch stems. Should be very good as a cut-flower. Bulbs raised from seed are ready to bloom the second year.</i>			

a GOMPHRENA (Globe Amaranth) Everlasting

2361 <i>Globosa</i> , mixed .....	.05	.15	.50
2362 " <i>purple</i> .....	.10	.20	.75
2363 " <i>dwarf purple</i> .....	.10	.25	.80
2364 " <i>orange</i> .....	.10	.30	1.00
2365 " <i>bunchflowered, lilac, new</i> .....	.10	.60	.....

*Sow in open ground in late May. The flowers resemble
Clover flowers and can be cut and dried for winter bouquets.*

a GOURDS

2068 <i>Ornamental varieties, mixed, large and small</i>.....	.05	.10	.20
2371 <i>Small varieties, mixed</i>.....	.05	.10	.20
2371a " <i>Apple</i> .....	.05	.10	.20
2371b " <i>Bottle, Japanese Bottle</i>.....	.05	.10	.20
2371f " <i>Flat Striped, green and white stripes</i>.....	.05	.10	.20
2371h " <i>Holy Crown (Crown of Thorns)</i>.....	.10	.15	.40
2371o " <i>Orange</i> .....	.05	.10	.20
2371p " <i>Pear, white</i> .....	.05	.10	.20
2371w " <i>Warted</i> .....	.05	.10	.20
2372 " <i>Egg-shaped, white, can be used for Nest Eggs</i>.....	.05	.10	.20
2374 " <i>Bicolor, half green, half yellow, pear shaped</i>....	.05	.10	.20
2375 " <i>Turk's Turban, orange and green</i>.....	.05	.10	.20
2376 <i>Large varieties mixed</i>.....	.05	.....	.20
2376c " <i>Acorn Squash, yellow</i> .....	.05	.10	.20
2376d " <i>Bird's Nest, hour glass shaped</i>.....	.05	.10	.20
2376e " <i>Calabash, powder horn</i>.....	.05	.10	.20
2376f " <i>Cave Man's Club, knobby, club shaped</i>.....	.05	.10	.30
2376g " <i>Dipper</i> .....	.05	.10	.20
2376h " <i>Dish Cloth, or Sponge</i>.....	.05	.10	.20
2376j " <i>Giant Bottle, or Chinese Water Jug</i>.....	.05	.10	.20
2376k " <i>Hercules Club, 2'-3' long, club shaped</i>.....	.05	.10	.20
2376l " <i>Longissima, Giant Club, edible</i>.....	.05	.10	.20
2376m " <i>Malabar Melon, edible</i>.....	.05	.10	.20
2376n " <i>Sugar Trough, thick shell</i>.....	.05	.10	.20
2376o " <i>Turk's Turban, yellow, green and orange</i>.....	.05	.10	.20

GREVILLA

2369 <i>Robusta (Silk Oak) Ornamental green foliage plant</i>.....	.10	.30	1.00
<i>Sow in greenhouses for pots. Useful for window boxes or vases.</i>			

GYPSOPHILA (Baby's Breath)

	Pkt.	¼ Oz.	Oz.
2384a Elegans Grandiflora Alba, Copenhagen strain , large pure white, mostly with overlapping petals, ¼ lb. .60, 1 lb. 2.00	.05	.10	.25
Covent Garden, Market Strain, oz. .25; ¼ lb. .60; lb. 2.00			
Paris Market strain.....oz. .25; ¼ lb. .60; lb. 2.00			
2388 Elegans, Rosea , light pink.....	.05	.25	.80
2389 " Carminia , carmine red.....	.05	.30	1.00
2393p Paniculata , single white.....	.05	.10	.30
2394p " fl. pl. double , snow white.....	.25	1.25	.....
2395 Oldhamiana , grows somewhat similar to <i>Paniculata</i> , more erect; flesh to rose-pink flowers, continuous bloomer .....	.10	.35	1.25
2396p Mangini , rosy white.....	.10	.40	1.50
2398p Pacifica , pink, 3-4 feet tall.....	.10	.80	.....
2400* Repens , white, 6 inches.....	.10	.80	.....
2401 Repens , rose .....	.10	.80	.....

Sow Annual Baby Breath in open ground in early May, and for continuous blooming, sow every week or two during the summer. The Perennial varieties can be sown in late spring or early summer for next year's blooming. Seeds of the double will produce 20-40% with double flowers.

p HELENIUM (Sneeze Wort)

2406 Hybrida Praeox , various colors, early blooming, 2 to 3 feet25	1.60
--	-----	------	-------

Daisy-like flowers, bushy growth. Can be sown in spring or summer.

pr HELIANTHEMUM, Rock Cistus or Sun Rose

2412 Mutabile , mixed10	.40
------------------------------------	-----	-----	-------

Sow in spring or summer.

a HELIANTHUS, Sunflower

2416 Miniature Stella , yellow, about 3 ft. tall, small-flow- ered, longstemmed .....	.05	.10	.30
2418 Nanus fl. pl. double , 3 feet.....	.05	.10	.30
2419 Purpureus , red, 6 feet .....	.05	.10	.30
2420 Chrysanthemum-flowered , double, tall.....	.05	.10	.30

Sow in open ground in spring. The Miniature varieties can be used as cut-flowers.

HELICHRYSUM, Everlasting

2425 Monstrosum , double mixed.....	.05	.25	.80
--	-----	-----	-----

Sow under glass in March or April, or in open ground in May. For drying, they should be picked before ripe.

p HELIOPSIS

2441 Scabra Major , golden yellow.....	.10	.....	.....
2442 Lemoines strain , double golden.....	.15	.....	.....

Sow in spring or summer.

g HELIOTROPE

2445 Lemoines Giants , mixed .....	.10	1.00	.....
2446 King of the Blacks.....	.10	1.00	.....

Sow in January or February under glass.

HETEROPAPPUS

	Pkt.	¼ Oz.	Oz.
2453 Hispidus , blue daisy, blooms in fall.....	.15	.....	.....

pr HEUCHERA, Coral Bell

2454 Sanguinea , crimson red..... $\frac{1}{16}$ oz. 1.25	.25	.....	.....
<i>Sow in March or April under glass in a fairly warm place, prick out once, and when plants are large enough, set out in open ground.</i>			

HIBISCUS (Mallow)

2460a Trionum , yellow with black ring 1½ ft.....	.10	.25	.....
2461p Large-flowered varieties , mixed 4-5 ft.....	.10	.30	1.00
2462 Manihot Sunset , yellow with dark center.....	.10	.40	.....
<i>Sow the Annual in open ground in May and the perennial in spring or summer. The perennial needs protection in winter.</i>			

b HOLLYHOCK

2465 Indian Spring , new Annual, double fringed, blooms first season, when sown early.....	.10	.30	1.00
2466 Semperflorens , single and half double, mixed, quickest variety to bloom .....	.10	.20	.60
2467 Single , mixed .....	.10	.20	.60
2468 Imperator (Begonia-flowered), double, fringed, very large flowers, mostly salmon and pastel shades.....	.10	.50	.....
2469 Triumph , large, fringed, double flowers, early blooming, many colors mixed.....	.10	.50	.....
2470 Chaters , double, mixed.....	.10	.35	1.25
“ in separate colors, 2471 white, 2472 rose, 2473 Newport Pink, 2474 Salmon, 2475 scarlet, 2476 lilac, 2477 maroon, 2478 yellow. Each	.10	.40	1.50
<i>Sow in open ground in spring or early summer for next year's flowers, or if sown under glass in March, many will bloom the same year. We recommend to use them as bi-annuals, as they are at their best the second year.</i>			

ac HUMULUS (Japanese Hop)

2487 Japonica Fol. Varg. , white and green leaves.....	.05	.15	.50
<i>Sow in open ground in Spring.</i>			

a HUNNEMANIA (Bush Escholtzia)

2493 Sunlite , semi-double .....	.10	.30	.....
<i>Sow under glass in March or April or in open ground in May. Useful as a greenhouse cut-flower also.</i>			

ac HYACINTH BEANS

2496 Dolichos , mixed .....	.05	.....	.15
<i>Sow in open ground in May, along fence or trellis.</i>			

g IMPATIENS

2500 Holsteii , vermillion scarlet, $\frac{1}{64}$ oz. 1.50.....	.25	.....	.....
2501 Sultanii , mixed shades, $\frac{1}{64}$ oz. 1.00.....	.25	.....	.....
<i>Sow in January or February and plant in pots. Also a good bedding plant or for boxes.</i>			

pr INCARVILLEA (Hardy Gloxinia)

2507 Variabilis , pink to salmon.....	.25	1.50	.....
<i>Sow under glass and set out in open ground when the plants are large enough to move. Needs protection in winter.</i>			

p INULA

	Pkt.	¼ Oz.	Oz.
2512 <i>Glandulosa Grandiflora</i> , large golden yellow.....	.25	.....	.....



Heavenly Blue



Scarlett O'Hara

MORNING GLORY

ac IPOMOEAE (Morning Glory)

	Pkt.	¼ Oz.	Oz.
2517 <i>Imperialis</i> , Japanese Morning Glory, mixed.....	.05	.10	.25
2519 <i>Rose Marie</i> , semi-double, rose.....	.10	.20	.60
2520 <i>Bona Nox</i> , large deep blue.....	.10	.....	.25
2521 <i>Mexican</i> , white Moonflower.....	.10	.....	.40
2523 <i>Heavenly Blue</i> , early-flowering, Clark's Mammoth.....	.10	.25	.80
2524 <i>Scarlett O'Hara</i> , crimson red, new.....	.10	.25	.80
2525 <i>Cornell</i> , bright red with white border.....	.10	.25	.80
2526 <i>Crimson Rambler</i> (<i>Convolvulus</i>), bright crimson, good climber .....	.10	.20	.60
2527 <i>Pearly Gates</i> , new large white.....	.25	.40	1.50
2516 <i>French Early Mammoth White</i>.....	.10	.40	1.25
2106 <i>Quamoclit</i> , Cypress Vine.....	.05	.15	.50
1801 " <i>Hybrida</i> , Cardinal Climber.....	.10	.35	1.25

Sow in open ground in May or in March in pots, under glass.

p IRIS

2528 <i>Germanica</i> , choice collection .....	.10	.20	.60
2529 <i>Kaempferi</i> , Japanese Iris Mixed.....	.10	.20	.60
2530r <i>Pumilum</i> , dwarf Iris, mixed.....	.10	.40	.....

Most of the Iris will bloom second year after seeding.

KALANCHOE

2533 <i>Globulifera Coccinea Blossfeldii</i> , Succulent Pot plant, scarlet flowers50
---	-----	-------	-------

a KOCHIA (Summer Cypress)

2535 <i>Childsii</i> , green bush turning red after frost.....	.05	.10	.25
--	-----	-----	-----

Sow under glass in April or in open ground in May.

KUDZU VINE

2540pc <i>Pueraria Thunbergiana</i> , fragrant, hardy.....	.05	.30	1.00
--	-----	-----	------

a LAVATHERA (Mallow), 3 feet

2584 White, 2585 mixed, 2586 deep rose. Each.....	.05	.15	.40
---	-----	-----	-----

Sow in May in open ground.

a LARKSPUR, ANNUAL (For perennial see Delphinium)

		Pkt.	¼ Oz.	Oz.
2548	Blue Cockade, rich lilac blue.....	.10	.30	1.00
2549	Cinnabar Cockade, rose red .....	.10	.30	1.00
2550	Salmon Pink Cockade .....	.10	.30	1.00
2551	Violet Cockade, violet purple.....	.10	.30	1.00
2552	White Cockade .....	.10	.30	1.00
This new cockade type is a Florist strain, plants compact and symmetrical, long straight branches heavy trusses, close spaced double and round florets.				
2545	Tall double, stock-flowered, mixed, 2-3 feet.....	.05	.20	.60
2547	Lilac Supreme, deep lilac.....	.10	.25	.80
2554	La France, salmon pink.....	.10	.25	.80
2555	Empress Rose, tall pink.....	.10	.25	.80
2556	Los Angeles, rose on salmon ground.....	.10	.25	.80
2558a	Giant Imperial. Base branching, tall, mixed.....	.10	.25	.80
2560	" " Blue Spire, deep blue.....	.10	.30	1.00
2561	" " Carmine King, carmine rose.....	.10	.30	1.00
2562	" " Gloria, deep rose.....	.10	.30	1.00
2563	" " Daintiness, lilac .....	.10	.30	1.00
2564	" " The Empress, salmon pink.....	.10	.30	1.00
2565	" " Pink King, rich salmon rose.....	.10	.30	1.00
2566	" " Blue Bell, medium blue.....	.10	.30	1.00
2567	" " Lilac King, rich lilac.....	.10	.30	1.00
2569	" " White King, new .....	.10	.30	1.00
2570	" " Rosalind, clear rose pink, or Phlox pink .....	.10	.30	1.00

Sow in open ground in early May or under glass earlier.

pcLATHYRUS, Perennial Sweet Peas

2579	Latifolius, mixed .....	.10	.20	.75
2580	White Pearl .....	.10	.25	.80
2581	Pink Beauty .....	.10	.25	.80
2582	Red .....	.10	.25	.80

Sow in spring or early summer in the place where they are to grow, as they are not easily transplanted.

prLEONTOPODIUM (Edelweiss)

2589	Sibericum, white .....	.25	.....	.....
2259	Alpinum .....	.25	.....	.....

Sow in cold-frame in May or June and set out the following spring. Prefers a sunny place and sandy soil.

arLEPTOSIPHON

2594	French Hybrids, mixed. Grows about 4 inches high, numerous small flowers of many colors.....	.10	.20
------	--	-----	-----	-------

Sow in open ground in spring.

a LEPTOSYNE

2600	Golden Rosette, new, double yellow.....	.10	.60
------	---	-----	-----	-------

Large yellow flowers, resembling Coreopsis.

p LIATRIS (Gay Feather or Blazing Star)

2590	Spicata, light purple, short spikes.....	.10	1.00	.....
2591	Pycnostachya, tall light purple.....	.10	1.00	.....

Hardy perennials, on which the top bud opens up first.

p LILIUM

2602	Auratum, Gold Banded Lily.....	.15	.....	.....
2604	Japonicum, Pink Japanese Lily.....	.15	.....	.....
2605	Philippinense Formosanum, resembles Easter Lily. Blooms about 10 months after seeding.....	.25	.60	.....
2606	Regale, Regal Lily, blooms 2-3 years after seeding....	.10	.30	1.00
2608	Speciosum Magnificum Rubrum, pink.....	.25	.....	.....
2609pr	Tenuifolium, Coral Lily. Blooms 2-3 years after seed- ing .....	.10	.....	.....

a LINANTHUS

		Pkt.	¼ Oz.	Oz.
2595	Bunch of Lilac, 12-18 in. high; light lilac, feathery.....	.10	.75	.....
2596	White Swan, pure white.....	.10	.75	.....

LINARIA

2612pr	Alpina, purple and orange, 6 inches.....	.25	.....	.....
2613p	Canon Went, pale pink, 1½ to 2 feet.....	.25	.....	.....
2614*	Cymbalaria (Kenilworth Ivy), creeping.....	.10	.50	.....
2615p	Dalmatica, yellow, 3 ft., resembles snapdragon.....	.10	.35	.....
2616a	Maroccana Hybrids, mixed .....	.10	.20	.....
2617	" Fairy Bouquet, new, about 8", large flowered, many colors.....	.10	.35	.....
2618	" Diadem, bright violet blue, clear white eye .....	.10	.30	.....

The annual can be sown in open ground in May. The perennial in June and transplanted in September.

LOBELIA

2630p	Cardinalis Queen Victoria, scarlet, 3-4 ft.....	.25	.....	.....
2633a	Cambridge Blue, compact mid blue.....	.10	1.00	.....
2635ar	Bedding Queen, bright blue, clear white eye, 4 in.....	.10	.60	.....
2634	Primadonna, crimson maroon.....	.10	.....	.....
2636	Emperor William, clear blue, 4 in.....	.10	.60	.....
2637	Crystal Palace Compacta, deep blue, dark foliage, 3 in. ....	.10	.60	.....
2638	Mrs. Clibran, deep blue, white eye, 4 inches.....	.10	.60	.....
2640	Blue Stone, clear mid-blue, compact, very even.....	.10	.90	.....
2641	Speciosa Grandiflora, dark blue, dark foliage, 12 in....	.10	.60	.....
2642	Pendula Angelica, white, hanging.....	.10	.80	.....
2643	Hamburgia, sky blue, hanging.....	.10	.60	.....
2644	Sapphire, deep blue, white eye, hanging.....	.10	.60	.....
2645	Tenuior, deep blue, largeflowered, about 12" high.....	.10	.80	.....

For early spring-blooming, sow the annual or dwarf Lobelias under glass in January or February. The tall Cardinalis can be sown in a frame or under glass in April and set out when large enough. Needs protection in winter.

b LUNARIA, Honesty

2649	Biennis, Money Plant10	.25	.80
------	----------------------------	-----	-----	-----

Sow in spring or early summer. The cleaned discs are used for decorations or winter bouquets.

LUPINUS

2650	Hartwegii Giants, mixed.....	.10	.15	.50
2655	" White King .....	.10	.15	.50
2656	" Rose King .....	.10	.15	.50
2658	" Blue King .....	.10	.15	.50
2659	Texas Blue Bonnet .....	.05	.10	.25
2664p	Polyphyllus, mixed, art shades.....	.10	.20	.60
2665p	" white .....	.10	.25	.80
2666	" Roseus .....	.10	.50	1.75
2667	" blue .....	.10	.25	.80
2668	" Carmineus, carmine shades.....	.10	.25	.80
2669	" Moerheimi, pink and white.....	.10	.30	1.00
2671	" Sunshine, golden yellow .....	.10	.35	.....
2674	" Russells, large new, fancy mixture of colors .....	.25	.60	2.00

In Russells original Packet:

12 seeds for .15; 30 seeds for .30

Annual varieties can be sown in open ground in spring. The perennials, in spring or early summer and transplanted in early September.

LINUM (Flax)

	Pkt.	¼ Oz.	Oz.
2620a <i>Grandiflorum rubrum</i> , red, large-flowered, 1½ ft.....	.05	.10	.25
2623* <i>Perenne</i> , blue, Fairy Flax, 2 ft.....	.10	.20	.....
2626 <i>Flavum</i> , <i>nanum compactum</i> , dwarf.....	.25	1.50	.....

Sow Flavum in frame in spring. The other varieties can be sown in open ground in May or June.



RUSSELLS LUPINUS

LYCHNIS

	Pkt.	¼ Oz.	Oz.
2677* <i>Alpina</i> , rose, 12 inches.....	.25	.....	.....
2678p <i>Chalcedonica</i> , fiery scarlet, 3 feet.....	.05	.30	1.00
2679p <i>Forrestii Hybrids</i> , showy, 2 ft.....	.25	.....	.....
2680p <i>Haageana Hybrids</i> , large-flowered, mixed, 1½ ft.....	.10	.50	.....
2681p <i>Viscaria Splendens</i> , rosy lilac, 1½ ft.....	.10	.50	.....
2682 <i>Arkwrightii</i> , brilliant, large-flowered mixture about 2 feet tall .....	.10	.60	.....

Sow in June in frame or open ground and transplant in early September.

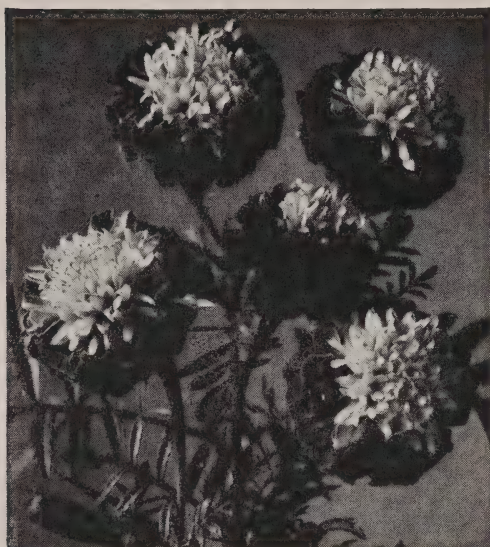
LYTHRUM

2685p <i>Roseum Superbum</i> , rose-pink, 3-4 ft. spikes.....	.10	.50
---	-----	-----	-------

Sow in June and transplant in early September.

MACHAERANTHERA (Tahoka Daisy)

2686 <i>Tenacetifolia</i> , blue daisy, blooms in summer and fall....	.10	.60
---	-----	-----	-------



MARIGOLD HARMONY

Dwarf French Marigold are very pretty border plants and all of them are easy to grow. Harmony has a beautiful color combination of reddish maroon with a center of golden yellow. Occasionally a clear golden yellow may show up without the maroon border, but that is also a pretty flower.

MARIGOLD

	Pkt.	¼ Oz.	Oz.
Miniature , mixed, low growing plants covered with masses of flowers an inch or more in diameter.....	.05	.25	.....
“ Yellow Pigmy , light yellow .....	.10	.40	.....
“ Spry , outer petals maroon, center crested light orange .....	.10	.40	.....
“ Butterball , light yellow, early blooming.....	.10	.60	.....
Dwarf French , mixed, double.....	.05	.15	.50
“ “ Firecross , single, orange with brown center....	.05	.20	.....
“ “ Golden Ball , golden yellow.....	.10	.25	.....
“ “ Harmony , orange center cushion, brown collar .....	.10	.20	.60
“ “ Harmony Hybrids , mixture of Scabiosa like flowers in yellow, orange and maroon.....	.10	.20	.60
“ “ Orange Ball , early double.....	.10	.40	.....
“ “ Primrose , light yellow .....	.10	.30	.....
“ “ Legion of Honor , single, yellow with brown spots .....	.05	.20	.....
“ “ Royal Scot , striped yellow and maroon.....	.10	.30	.....
“ “ Spotlight , rich clear yellow with maroon red collar .....	.10	.30	.....
“ “ Star of India , striped yellow, brown edge.....	.05	.15	.....
“ Pot O'Gold , large flowered golden orange.....	.15	.60	.....
“ Carnationflowered , early, large loose petaled flowers, mixed .....	.10	.40	.....
African , tall mixed, largeflowered.....	.05	.20	.80
“ “ Orange Ball .....	.10	.30	.....
“ “ Lemon Ball .....	.10	.30	.....
“ “ Primrose Queen .....	.10	.30	.....
“ “ Golden Emblem , deep gold.....	.10	.30	.....

MARIGOLD—Continued

	Pkt.	¼ Oz.	Oz.
Carnationflowered, tall, mixed, large loose petaled flowers.....	.10	.25	.80
“ Guinea Gold, orange .....	.10	.25	.80
“ Yellow Supreme, creamy yellow.....	.10	.25	.....
“ Golden Measure, very large orange.....	.10	.30	.....
Chrysanthemum flowered, tall, mixed, in curving petals.....	.10	.60	.....
“ Goldsmith, golden orange .....	.15	.80	.....
“ Yellowstone, golden yellow, late.....	.15	.80	.....
Burpee Gold, deep orange, odorless foliage.....	.10	.30	.....
Collarette, Crown of Gold, orange flowers, odorless foliage.....	.10	.30	.....
French, Tall, mixed double.....	.05	.15	.50
“ “ Flaming Fire, single, maroon red.....	.10	.30	.....
Kings Ransom, golden orange, odorless foliage.....	.10	.40	.....
Yellow Crown, bright yellow.....	.10	.40	.....
Sunset Giants, mixed, very large flowers, double.....	.10	.50	.....
“ “ Orange .....	.10	.50	.....
Australian Tree, Tall Winterflowering.....	.10	.50	.....
Lieb's Winterflowering, Maroon and yellow.....	.10	.50	.....
“ “ Sunshine, yellow .....	.10	.50	.....
Winter Harmony, maroon and gold.....	.10	.50	.....
Mexican, dwarf, double orange.....	.10	.30	.....
Tagetes, signata pumila, smallflowered, yellow dwarf, for bor-			
ders .....	.10	.40	.....

Sunset Giants are the largest of all Marigolds and make quite a show in the garden; it is sweet scented and the colors are yellow to orange.



MARIGOLD SUNSET GIANT



MARIGOLD CROWN OF GOLD

Many new Marigolds have been developed or segregated the last few years and some without the foliage scent, which to many people has been disagreeable. Burpee Gold, Yellow Crown, King's Ransom and Crown of Gold have odorless foliage.

a MARTYNIA

	Pkt.	¼ Oz.	Oz.
2713 <i>Annua</i> , interesting annual plant with curious seed pods	.10	.....	.....

MARVEL OF PERU, Four-O-Clock

2714a <i>Mirabilis Jalappa</i> , mixed, bushy, 2 feet tall.....	.05	.10	.20
2715 " " <i>Tom Thumb</i> , mixed, compact.....	.05	.10	.30

Sow in open ground in May.

MATRICARIA, Feverfew

2719 <i>Eximia fl. pl.</i> , ball, double white.....	.25	1.50	.....
2721 <i>Snowball</i> , pure white, compact, 8 inches.....	.10	.60	.....
2722 <i>Goldball</i> , double, yellow, compact, 8 inches.....	.10	.80	.....

Matricaria are perennials, but in this vicinity, should be grown as annuals, as they very seldom stand through the winter. Sow seeds in February or March and they will bloom in early summer.

a MATTHIOLA, Evening scented stock

2725 <i>Bicornis</i> , lilac05	.10	.30
------------------------------------	-----	-----	-----

Sow in open ground in May.

a MAURANDIA

2729 <i>Barclayana</i> , blue, climber .....	.25	.....	.....
2730 <i>Mixed</i> .....	.25	.....	.....

Sow in March in pots and set out when frost is over.

ar MESEMBRYANTHEMUM

	Pkt.	¼ Oz.	Oz.
2742 Crystallinum , Ice Plant .....	.10	.20	.....
2743 Tri-color , white and carmine purple in the same flower .....	.10	.40	.....
2744 Criniflorum (Livingston Daisy), spreading habit with daisy like flowers, makes a nice pot plant.....	.10	.75	.....

Sow in open ground in May or under glass in pots in March.

a MIGNONETTE (Reseda)

2748 Bismarck , heavy flower spikes.....	.05	.20	.60
2749 New York Market , tall, good for cut flowers.....	.10	.50	1.60
2750 Giant Machet , giant spikes.....	.10	.25	.80

Sow in pots in March or in open ground in May.

g MIMOSA (Sensitive Plan.)

2754 Pudica , green fern-like foliage, closes when touched....	.10	.20
---	-----	-----	-------

Sow in February and use as pot-plants.

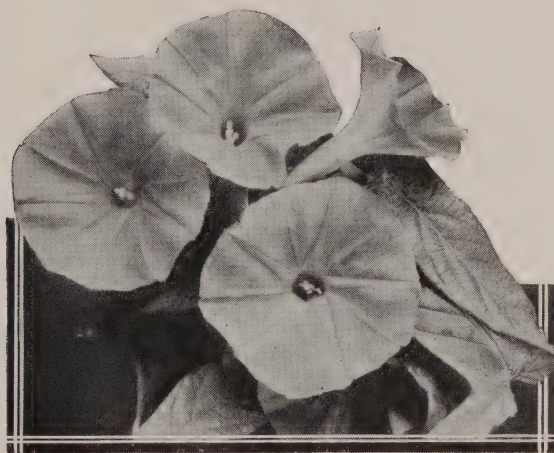
MORNING GLORY

See under Ipomoea

MYOSOTIS (Forget-Me-Not)

2768 Oblongata Perfecta , Blue Bird, very early, good for indoor blooming .....	.10	1.00	.....
2769a Oblongata Perfecta , early-blooming, blue.....	.10	.60	.....
2770br Alpestris Victoria , sky blue, dwarf, bushy, compact.....	.10	.60	.....
2771 " " pink .....	.10	1.00	.....
2776 " " white .....	.10	1.00	.....
2775 Dissitiflora , rich blue, early, compact.....	.25	1.00	.....
2777pr Palustris Semperflorens , clear blue flowers, creeping, blooms all summer, prefer moist soil.....	.10	.75	.....

Sow in early spring or summer. Palustris is the only real hardy variety. The other varieties are apt to die out over winter, but if sown early will easily bloom first season.



MORNING GLORY SCARLETT O'HARA

a MIMULUS

	Pkt.	¼ Oz.	Oz.
2759 Tigrinus Grandiflorus Cupreus (Monkey Flower).....	.25	.....	.....

Sow in February. Can be used as Pot or Bedding Plants.

NAEGELI

2780 Zebrina discolor , good pot plant.....	.50
--	-----	-------	-------

NASTURTIUM

2782 Lobbianum , large-flowered, long runners.....	.05	.....	.15
2785 Gleam Hybrids , mixed, double.....	.10	.....	.20
2783 Scarlet Gleam , bright scarlet, double.....	.10	.....	.20
2784 Golden Gleam , double yellow.....	.10	.....	.20
2779 Salmon Gleam .....	.10	.....	.20
2788 Indian Chief Gleam , bright scarlet, dark foliage.....	.10	.....	.30
2786 Dwarf, mixed , does not trail.....	.05	.....	.15
2787 " Double Giant , mixed.....	.05	.....	.20
2781 " Golden Globe .....	.10	.....	.20
2778 " Scarlet Globe .....	.10	.....	.20

*The Gleam varieties have runners, and are all sweet scented ;
the Globe varieties are also sweet scented, but without runners.*

2793 Canariensis , Canary Bird Vine.....	.10	.20	.60
---	-----	-----	-----

Sow in open ground when frost is over.

arNEMOPHILA (Baby Blue Eyes)

2807 Insignis , sky blue, low growing.....	.05	.10	.30
---	-----	-----	-----

Sow in open ground in May. Does best in cool place.

prNEPETA, Gray Cat Mint

2812 Mussini , deep violet blue, 6 inches.....	.10
---	-----	-------	-------

Sow in frames in spring and plant out in early September.

a NICOTIANA, Tobacco Plant

2806 Suaveolens , dwarf white, fragrant.....	.25	.....	.....
2814 Affinis , white, sweet scented, 2½ to 3 feet.....	.05	.15	.40
2815 " Hybrids , mixed .....	.05	.15	.....
2816 Sylvestris , tall white, drooping flowers.....	.10	.30	.....
2817 Sanderae Hybrids , mostly red shades.....	.05	.20	.....
2818 Sanderae, Crimson King .....	.05	.25	.....
2819 Crimson Bedder , crimson red, compact.....	.10	.40	.....

Sow under glass in March or in open ground in May.

NIEREMBERGIA (Cup Flower)

2811 Hippomanica , compact growth, delicate lavender.			
	¾ oz. \$1.25	.25	.....
2813 " Purple Robe , darker shade of violet.			
	¼ oz. \$1.25	.25	.....

Sow indoors in March or April and transplant to Summer location in late May.

a NIGELLA, Love in a Mist

2820 Miss Jekyll , sky blue, blooms set in between feathery foliage05	.20	.60
--	-----	-----	-----

Sow in open ground in May.

Nemesias are some most beautiful bright colored small plants. Their blooming season is not so long as so many other plants but they make up for that in being so clear and bright while in bloom.



NEMESIA EDELWEISS

a NEMESIA

		Pkt.	¼ Oz.	Oz.
2795	Grandiflora Compacta Triumph, mixed, 8 inches.....	.10	.60	.....
2796	Compacta Blue Gem .....	.25	.....	.....
2797	Compacta Edelweiss, pure white.....	.25	.....	.....
2798	Suttoni Grandiflora, mixed, 12 inches.....	.10	.60	.....

Sow under glass in March for spring blooming, and for late blooming, sow in open ground in May or June.

OENOTHERA (Evening Primrose)

2821a	Lamarckiana, yellow, large-flowered, tall.....	.05	.10	.25
2822p	Missouriensis, yellow, 1 foot.....	.15	.75	.....

Sow in early spring under glass—plant out later.

PANSY

2836	Giant Trimardeau, mixed, large-flowered, contains mostly clear colors .....	.10	.60	.....
2838	" " Fanal, bright deep red .....	.15	.80	.....
2842	" " King of the Blacks.....	.15	.....	.....
2843	" " Lord Beaconsfield, deep purple, upper half white .....	.15	.80	.....
2847	" " St. Knud, apricot orange .....	.15	.....	.....
2854	Hyemalis, winter blooming variety, mixed.....	.15	.....	.....
2841	Coronation Gold, slightly ruffled, giant yellow, lower petals flushed orange.....	.50	3.50	.....



PANSY

PANSY—Continued

		Pkt.	¼ Oz.	Oz.
2823	Swiss Giants, Mixed, very large-flowered, long stems, free flowering, good mixture.....	.25	2.00	7.50
2824	" " Lake of Thun, deep blue.....	.50	3.50	.....
2825	" " Alpenglöw, cardinal shades.....	.50	3.50	.....
2826	" " Golden Queen, pure yellow.....	.25	1.50	.....
2839	" " Pure White .....	.25	1.50	.....
2828	Giant America, very large, free bloomer, clear color combination .....	.25	1.75	6.00
2829	Maple-leaved Giant, largest of pansies, heavy growth, Exhibition flowers .....	.50	3.00	10.00
2844	Engelman's Giant, new beautiful strain, rich colors.....	.25	2.25	.....
2833	Special Giant Mixture, made up of Swiss Giant, America, Maple leaved and Engelman's Giant.....	.25	1.75	6.00
2834	Dwarf Giant America, mixed.....	.25	1.75	6.00

For May blooming sow in January under glass, transplant to cold frame in early March. Can also be sown in May, and will then bloom later, or sow in July, transplant in early September. Such plants need protection over winter.

acPASSIFLORA (Passion Flower)

2855	Edulus, white and blue.....	.10	.60
------	-----------------------------	-----	-----	-------

Sow in pots in March.

PENSTEMON

		Pkt.	¼ Oz.	
2864	Glaber Roseus , pink passing to deep rose.....	.15	.60	.....
2869	Sensation , large-flowered, very fine mixture.....	.15	.60	.....
2877	Miniature Hybrids , mixed, 2 to 3 feet tall, graceful spikes, much smaller flowers than Sensation, but a wide color range .....	.15	1.25	.....

The Pubescens are hardy, but the other varieties are more sure if cultivated as annuals, by seeding them early in spring under glass, and setting them out in May or June.

a PETUNIA

		Pkt.	¼ Oz.	
2882	Hybrida , mixed colors.....	.05	.25	.....
2893	“ Blue Bedder .....	.10	.40	.....
2894	Howard's Star , purple with white star.....	.10	.50	.....
2883	Hollywood Star , tall, deep pink, starshaped flowers.....	.10	.50	.....
2897	Topaz Rose , fiery velvety rose, suffused with gold.....	.10	.40	.....
2895	General Dodds , blood red.....	.10	.30	.....
2925	Flaming Velvet , velvety purple red.....	.10	.60	.....
	Radiance , brilliant cerise rose with salmon sheen.....	.10	.75	.....

Nana Compacta

2881	Single dwarf varieties , mixed.....	.10	.40	.....
2884	Cockatoo , deep velvety violet purple with white markings .....	.10	.60	.....
2886	Heavenly Blue , silver lilac.....	.10	.60	.....
2887	Rose Queen , bright rose.....	.10	.60	.....
2888	Rose of Heaven , rose pink.....	.10	.40	.....
2889	Rosy Morn , pink with white throat.....	.10	.40	.....
2890	Snow White , pure white.....	.10	.60	.....
2891	Violacea Compacta , violet purple.....	.10	.60	.....
2892	Rose Charm , dwarf Rose of Heaven.....	.10	.60	.....
2904	Dwarf Howard's Star , reddish purple, white stripes.....	.10	.60	.....
	Ladybird , rosy scarlet, large flowered..... ¹ / ₃₂ oz. \$1.00	.25	.....	.....
	Violet Gem , miniature, deep violet, very freeblooming .....	.25	1.50	.....
	Norma , compact blue with white star.....	.10	.30	.....
2904S	Salmon Supreme , new salmon pink, very compact ¹ / ₃₂ oz. \$1.00	.25	.....	.....
2905	Admiral , rich dark blue, frilled..... ¹ / ₃₂ oz. 1.50	.25	.....	.....
2906	Celestial Rose , rose pink, very compact.....	.10	1.00	.....
	Cream Star , creamy yellow.....	.10	1.00	.....
	Topaz Queen , deep scarlet rose.....	.10	1.00	.....
2907	Dwarf General Dodds , blood red.....	.10	.60	.....
2915	Martha Washington , lavender-pink veined in throat maroon-purple .....	.25	.....	.....
2919G	Blue Gem , deep violet blue with white throat, dwarf compact growth .....	.10	.80	.....
2922	Rose Gem , very low growing, masses of clear pink flowers .....	.10	.80	.....
2922W	White Gem , Miniature White.....	.25	.....	.....
2898	Adora , rosy carmine, white star, dwarf and bushy.....	.19	.60	.....
2963	Velvet Ball , velvety crimson maroon, very compact, large-flowered. Similar to King Henry..... ¹ / ₃₂ oz. \$1.00	.25	.....	.....

PETUNIA—Continued

		Pkt.	$\frac{1}{8}$ Oz.	Oz.
2964	Glow , compact, carmine red, very free-flowering; an All American Award.....	.25	1.50	.....
2965	Betsy Ross , very compact. Low growing covered with masses of ruffled flowers, deep rose with white			
	$\frac{1}{2}$ oz. \$1.50	.25	.....	.....
	First Lady , clean, clear, light pink.....	$\frac{1}{16}$ oz. \$1.00	.25	.....

Balcony Type, large-flowered, long stems

2899	Mixed .....	.25	.75	.....
2900	White .....	.25	.75	.....
2901	Rose .....	.25	.75	.....
2902	Crimson .....	.25	.75	.....
2903	Blue (Balcony Purple).....	.25	.80	.....
2932	Black Prince , velvety purple-red.....	.25	1.00	.....
2941	Rosy Morn , same color as the compacta Rosy Morn, but with longer stems.....	.25	.80	.....

Large-flowered, plain edge

		Pkt.	1000 Seeds	$\frac{1}{2}$ Oz.
2908	White Cloud .....	.25	.50	.....
2910	Splendour , striking deep rose carmine, free-flowering	.50	1.50	.....
2913	Burgundy , deep wine red, white throat.....	.25	.50	1.25
2916	Purple Robe , deep velvety purple with thin silver seam	.25	.75	2.00
2943	Snowstorm , new, very large, pure white.....	.25	1.00	3.00
2927	Dwarf , mixed .....	.25	.50	1.50
	Elks Pride , very fine dwarf strain.....	.25	.75	1.75
	Pink Glory , clear pink.....	.25	.50	1.50
	Flaming Velvet Grandiflora , largeflowered velvety blood red .....	.25	.50	1.50

Large-flowered fringed varieties

2914	Fluffy Ruffles , very fine mixture.....	.25	.50	1.25
2921	Theodosia , rosy pink with yellow throat.....	.25	.50	1.50
2928	Dainty Lady , cream yellow.....	.25	.75	.....

Large-flowered dwarf fringed

2909	Elks Pride , violet blue.....	.25	.75	1.75
2918	Pink Triumph , clear pink.....	.25	.50	1.25
2920	Golden Jubilee , carmine scarlet, golden throat, yellow markings .....	.25	1.00	3.00
2924	Setting Sun , brilliant rose pink.....	.25	.50	1.50
2952	Lace Veil , white.....	.25	.75	.....
	Ruffled nana compacta mixture of large ruffled and veined flowers in the compact type.....	.25	.50	2.00



PETUNIA GIANTS OF CALIFORNIA

PETUNIA—Continued

Pkt. 1000
Seeds Oz.

Superbissima, Giants of California

This variety has the largest flowers, all ruffled and veined.

2929	Mixed .....	.25	.50	1.50
2930	Ruffled Monsters .....	.25	.50	1.50
2933	King Alphonse, deep crimson purple, dark throat.....	.50	1.00	.....
2934	German Empress, lilac lavender, purple veins.....	.50	1.00	.....
2936	Coppery Red Giant, dark throat.....	.50	1.00	.....
2938	Prince of Wurtemberg, crimson with black throat.....	.50	1.00	.....
2939	Rheingold, large white, yellow throat.....	.25	1.00	.....
	Marilyn, large salmon.....	.50	.75	2.50
	Glamour, large salmon rose.....	.25	1.00	3.00

Superbissima, Dwarf Ruffled Giants

2931	Special Strain, mixed colors.....	.25	.75	2.00
2937	Rose-pink .....	.25	.75	2.50

Double, large-flowered

2946	Double Giant, mixed, Trade Pkt. 1.00.....	.25	2.00
------	---	-----	------	-------

All Double Victorious

	Victorious, Rosy Carmine	1.00	2.00
--	--------------------------------	------	------	-------

The culture of Petunias are very easy for the small-flowered or cheaper varieties, as these can be sown both inside and outside with a fair expectation of good results. For the large-flowered or better varieties it is more difficult to get them started. For May blooming, they should be sown in a fairly warm place in January or February, and the seeds just sprinkled on the surface of very fine sifted soil and kept moist. As soon as large enough to move, they can be transplanted and later put in pots. The seeds that produce the double flowered plants, usually are weaker than the single flowered and in transplanting the double varieties, particular care should be taken.

**PHLOX**

	Pkt.	¼ Oz.	Oz.
2966p <i>Decussata</i> , hardy Phlox in extra good mixture.....	.10	.80	.....
2967a <i>Cuspidata</i> , Star Phlox, in mixture of colors.....	.10	.80	.....
2968a <i>Hortensia</i> flowered, soft pale colors, mixed.....	.10	.80	.....
<i>Sow in Fall in open ground and transplant following spring.</i>			
2971a <i>Drummondi Grandiflora</i> , mixed, large-flowered.....	.10	.80	2.50
<i>Drummondi Grandiflora</i> , in separate colors, 2970 rose , 2972 white , 2969 Cinnabar red , 2973 pink with dark eye, 2974 flesh pink , 2975 salmon rose , 2976 bloodred , 2977 scarlet , 2978 lilac , 2979 creamy yellow , each.....			
	.10	.85	2.50
2981 <i>Gigantea Art Shades</i> , large flowers, soft colors.....	.10	.80	.....

PHLOX—Continued

		Pkt.	¼ Oz.	Oz.
2980	Gigantea, Salmon Glory, large soft salmon flowers, lighter center .....	.10	.85	.....
	“ Rosy Morn, bright pink with white center..	.10	.85	.....
	“ Red Glory, brilliant red large cream center	.25	1.00	.....
2982	Drummondii Nana Compacta, mixed, compact, about 6 inches .....	.25	1.00	.....

For early blooming, sow in March under glass and set out in late May. If sown in open ground in May, they will bloom later.

p PHYSALIS (Lantern Plant)

2990	Francheti, orange scarlet husks.....	.10	.40
------	--------------------------------------	-----	-----	-------

Sow in open ground in spring.

p PHYSOSTEGIA, False Dragon Head

2994	Virginica, pink, tall, erect.....	.10	.....	.....
2995	“ white .....	.10	.....	.....

Sow in May or June and transplant in early September.

p PLATYCODON, Balloon Flower

3001	Grandiflorum, blue, balloon shaped flowers, tall.....	.10	.50	.....
3002r	Mariesi, dwarf blue .....	.25	.75	.....

Sow in open ground in May or June, transplant in Fall or spring.

p POLEMONIUM, Jacob's Ladder

3005	Coeruleum, blue, erect, 2 feet.....	.10	.50
------	-------------------------------------	-----	-----	-------

Sow in May or June and transplant in early September.

POPPY

3012p	Bracteatum, large scarlet, Oriental Poppy, 2½ ft.....	.10	.60	.....
3014a	Danebrog, single, red and white, 3 ft.....	.05	.15	.50
3015a	Glaucum, red, Tulip Poppy, 15 inches.....	.05	.15	.40
3018*	Nudicaule, single, mixed, Iceland Poppy Sunbeam.....	.05	.40	.....
3019	“ “ white .....	.10	.....	.....
3020	“ “ Red Cardinal, new red.....	.10	.80	.....
3021	“ “ Tangerine, orange .....	.10	.50	1.75
3022	“ “ Coonara, “pink” .....	.10	.60	.....
3023	“ “ Amurensis, giant yellow.....	.10	.60	.....
3025	“ “ Sanfords strain, very large, choice colors .....	.10	.60	.....
3026	“ “ Gartford Giants, mixed .....	.10	.80	.....
3028p	Oriental Hybrids, mixed, oriental poppy.....	.10	.75	.....
3030	“ Princess Victoria Louise, salmon.....	.25	1.00	.....
3031	“ Mrs. Perry, pink .....	.25	.....	.....
3040a	Rhoeas Shirley, Begonia-flowered, all double, mixed mostly light clear colors.....	.05	.15	.50
3042	“ “ Wild Rose, single, pink.....	.10	.20	.....
3043	“ “ Sweet Briar, double, pink.....	.10	.30	.....
3041	American Legion, scarlet .....	.05	.15	.40

Sow Poppy in open ground in spring. Transplant Oriental in September. The Nudicaule are NOT 100% hardy, but will bloom first season if sown in early spring.

PRIMULA

	Pkt.	$\frac{1}{2}$ Oz.	Oz.
3069* Auricula, fine mixture, 5 inches.....	.25	.50	.....
3071* Cashmeriana, ruby lilac, 5 in. hardy.....	.25	1.00	.....
3073g Chinensis fimbriata grandiflora, mixed, large-flowered	.25	1.50	.....
3082 Malacoides Giant Mixed.....	1.00	.....	.....
3083 " Fairy Jewell, double rose pink.....	1.50	.....	.....
3084 " Sweetheart, salmon with white.....	1.50	.....	.....
3085 " Snowflakes, white	1.00	.....	.....
3086 " Twinkles, double flesh pink.....	1.50	.....	.....
3087 " Wonder Baby, pink	1.00	.....	.....
3088 Obconica Gigantea Wyaston Wonder, giant crim- son	$\frac{1}{64}$ oz. \$3.00	1.00	.....
3096 Veris, Polyanthus, mixed, fine collection.....	.25	.80	.....

The perennial varieties can be sown in cold frame in May or June. Transplant when large enough and set out the following spring. Need protection in winter.

ar PORTULACA (Moss Rose)

	Pkt.	$\frac{1}{4}$ Oz.	Oz.
3050 Grandiflora, single, mixed, creeping habit.....	.10	.60	2.00
Grandiflora, in separate colors, 3053 yellow, 3054 scar- let, 3055 purple red, 3056 white, 3049 copper rose, each	.10	.60	2.00
3059 Grandiflora, fl. pl., double-flowered, mixed, does not come 100% double .....	.10	.80	3.00

Sow in open ground in May.

g PUNICA (Ornamental Pomegranate)

3098 Granatum Nana, red, pot plant, 100 seeds 40c

PYRETHRUM

3105p Hybridum Grandiflorum, single, large-flowered, mixed Painted Daisy .....	.10	1.00	.....
3106 Hybridum James Kelway, large, red.....	.25	3.00	.....

QUEEN ANNE'S LACEFLOWER

3115 White, similar to Wild Carrot but larger and a more clear white10	.30	1.00
---	-----	-----	------

a RHODANTHE, Everlasting

3125 Mixed, pink and white.....	.05	.25	.80
---------------------------------	-----	-----	-----

Sow under glass in March and set out in late May or sow in open ground in May.

a RICINUS (Castor Beans)

3131 Red Spire, red leaves, red seed pods.....	.05	.....	.15
3132 Sanguinea, red stems .....	.05	.....	.15
3133 Zanzibariensis, mixed, largest variety.....	.05	.....	.15
3135 Mixed .....	.05	.....	.15

Sow in pots in March or April and set out when danger of frost is over, or sow in open ground in late May.

Rudbeckia are rather robust, strong growers, and very good both for show in the garden and for cutting. They should not be crowded too much as they like to spread out some. Kelvedon Star is a deep golden yellow with a dark brown center. Has been available only a few years.



RUDBECKIA KELVEDON STAR

RUDBECKIA

	Pkt.	¼ Oz.	Oz.
3144a Bi-color Superba , large golden yellow daisy.....	.10	.20	.....
3146p Hirta , Black Eyed Susan, yellow with brown cone.....	.10	.50	.....
3147p My Joy , large-flowered, Black Eyed Susan.....	.10	.60	.....
3148 Kelvedon Star , golden yellow shades with dark brown and mahogany center.....	.10	.50	.....

The annual variety can be sown under glass or in open ground in spring. The perennial can be sown in June and transplanted in early September. The Black Eyed Susans, if sown under glass early, may bloom first season.

SANVITALIA (Creeping Zinnia)

3181a Procumbens , low growing, double, yellow.....	.10	.35	1.25
--	-----	-----	------

Sow under glass in late March or in open ground in May.

a SALPIGLOSSIS (Painted Tongue)		Pkt.	¼ Oz.	Oz.
3154	Dwarf Azureor, Ageratum blue, yellow throat.....	.10	.40	.....
3155	“ Carmineor, carmine red, yellow throat.....	.10	.40	.....
3165	“ roseor, pale garnet red, yellow throat.....	.10	.40	.....
3157	Emperor Strain, large-flowered, mixed.....	.10	.30	1.00
Emperor Strain, in separate colors, 3158 Velvety red, 3159 scarlet and gold, 3160 brown and gold, 3161 light blue and gold, 3162 yellow, 3163 white, 3164 white and gold .....		.10	.35	.....
each				

Sow in March under glass and plant out in late May or sow in open ground in May.



SALVIA

SALVIA

		Pkt.	¼ Oz.	Oz.
3170	Splendens, Zurich, or Fireball, 1½ ft. ....	.25	1.50	5.00
3179	“ Salmon Rose .....	.25		
3174	Farinacea, blue, 3-4 ft. ....	.10	.50	1.75
3175	“ Blue Bedder, shorter and more blue.....	.10	.60	.....
3180	“ Royal Blue, improved, blue bedder.....	.25		.....

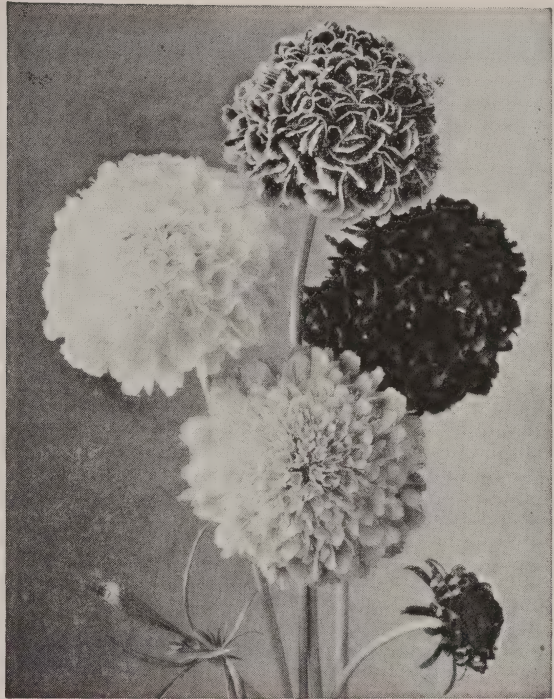
Sow in early March under glass and plant out after danger of frost is over.

SAPONARIA

3185*	Ocymoides Splendens, Soap Wort, pink, 12 inches.....	.10	.40	.....
3186a	Vaccaria Multiflora, small flowered, pink, resembles Baby Breath but flowers are large.....	.05	.10	.25

Sow in open ground in late May.

Scabiosa comes in so many beautiful colors and is considered a valuable flower for cutting. Also a pretty plant in the garden with its tall graceful stems. Blue Moon and Rosette are the two newest additions to the Scabiosa family.



SCABIOSA MIXED

SCABIOSA (Mourning Bride)

	Pkt.	¼ Oz.	Oz.
3196a Mixed , large-flowered, double, contains all the good colors .....	.05	.20	.60
3193 Cattleya , orchid shade.....	.10	.20	.60
3194 Rosette , bright deep rose, new.....	.10	.40	.....
3195 Blue Cockade , deep blue, conical heads.....	.10	.20	.60
3197 Shasta , large white .....	.10	.20	.60
3198 Peach Blossom , large pink .....	.10	.20	.60
3199 Loveliness , soft salmon .....	.10	.25	.80
3200 Fiery red .....	.10	.20	.60
3201 Azure Fairy , light blue .....	.10	.20	.60
3202 Black Prince , maroon red, white anthers.....	.10	.20	.60
3203 Sulphur Yellow .....	.10	.20	.60
3204 Ageratum Blue .....	.10	.20	.60
3205 Salmon Beauty , pure salmon.....	.10	.30	.....
3192 Blue Moon , deep lavender blue.....	.10	.30	.....

Sow under glass in March or in open ground in May.

SCABIOSA (Dwarf Annuals)

3189 Heavenly Blue , azure blue .....	.10	.30	.....
3190 Peace , pure white .....	.10	.30	.....



SCABIOSA BLUE MOON

SCABIOSA (Perennial varieties)

	Pkt.	¼ Oz.	Oz.
3206p Caucasica, Perfecta , lilac, very fine.....	.25	.70	2.50
3208 " Isaac House Strain , many colors.....	.25	.80	3.00
3210 " Goldingensis , deep blue, fine large flowered strain .....	.25	1.00	.....
Columbaria , delicate pink .....	.25	.70	.....
3209 Japonica , blue .....	.10	.20	.....

*Sow in cold frame in June and plant out in early September.
Needs some protection in winter.*

a SCHIZANTHUS (Butterfly Flower)

3211 Wisetonensis Bridal Veil , pure white.....	.25	.....	.....
3212 " Monarch , re-selected strain, very choice .....	.25	1.50	.....
3213 " Mixed .....	.10	.60	.....
3214 " Excelsior Strain , mixed, compact growth .....	.10	1.00	.....
3215 Chislehurst , large-flowered, tall, darker shades.....	.25	.75	.....
3216 Dr. Badgers Hybrids , dwarf, large-flowered.....	.10	.50	.....
3217 Pansyflowered , large individual flowers.....	.25	1.50	.....
Retusus , mixed long stemmed.....	10	.50	.....

Sow under glass or in open ground. Blooms 2-3 months after seeding.

SENECIO

	Pkt.	¼ Oz.	Oz.
3219 Dwarf, double, mixed.....	.15	.60	.....
3221 Tall, double, mixed .....	.10	.50	.....

SHAMROCK

3220 Irish Shamrock—for pot cultivation.....	.10	.40
--	-----	-----	-------

p SIDALCEA

3226 New Hybrids, many colors, mixed.....	.25	.60
---	-----	-----	-------

SILENE

3231* Shafra, rose, 8 inches.....	.10	.80	.....
3232p Orientalis, dark rose, 2½ ft. tall.....	.10	.30	.....

Sow in frame in early summer and transplant in early September.

SMILAX

3236 Asparagoides, greenhouse climber10	.15	.50
---	-----	-----	-----

a SOLANUM (Ornamental Peppers)

3241 Cleveland Cherry, Hlavasek's Masterpiece.....	.25	.50	.....
3242 Cleveland Cherry .....	.10	.30	.75

Sow in early March, plant out for summer and pot in fall for winter use.

STAR OF TEXAS

4018a Xanthisma Texanum, pretty yellow daisy like annual doing well in dry open places, freeflowering about 1½' high10	.80
--	-----	-----	-------

STATICE, Everlasting

3256a Bonduelli, golden yellow .....	.05	.10	.30
3257p Caspia, smaller and more graceful than latifolia, lilac .....	.10	.60	.....
3258p Latifolia, sometimes called lavender Baby Breath and Sea Lavender .....	.10	.30	1.00
3259p Perezi Multiflora, deep blue, larger flowers than Latifolia .....	.10	.35	.....
3260p Siberica Pyramidalis, tall, upright growing.....	.10	.50	.....
3261a Sinuata, mixed .....	.05	.10	.30
3262 " white .....	.05	.10	.30
3263 " pink, purplish mauve .....	.05	.10	.30
3264 " blue, special florist variety, fine for cut.....	.10	.20	.60
3265 " yellow, sulphur yellow .....	.05	.10	.30
3267 Sinensis, creamy white, showy.....	.10	.25	.....
3268a Suworowi, upright, pink spikes .....	.10	.25	.80
3269 Dumosa, silvery grey flowers.....	.10	.60	.....
3270p Tatarica, white, for drying .....	.10	.20	.60

Sow in spring. The perennial varieties can be transplanted in early September.

STEVIA

3275 Serrata, small-flowered, white, greenhouse cutflower10	.40
---	-----	-----	-------

p STOKESIA (Stokes Aster)

	Pkt.	¼ Oz.	Oz.
3340 Cyanea, large-flowered, blue .....	.10	.40	.....



STOCKS COLUMN



STOCKS 10 WEEKS

a STOCKS

		Pkt.	½ Oz.
	Beauty of Nice. Early-flowering variety, which when planted close will only grow one flower spike; when spaced will have short branches near the top. Separate colors, 3286 white , 3287 flesh , 3288 Almond Blossom , 3289 Chamois rose , 3290 lilac rose , 3291 bloodred , 3292 yellow , 3293 light blue , 3294 dark blue , 3295 Mixed . Each.....	.25	.50
3310	Ten Weeks Branching , mixed .....	.10	.30
	In separate colors , white, pink, light blue and purple.....	.10	.40
3312	Giants of California (Improved Bismarck type), mixed.....	.15	.50
	branching habit, long stems, high percentage of double flowers. Separate colors 3313 white , 3314 flesh , 3315 old rose , 3316 bloodred , 3317 lavender , 3318 dark blue , 3319 Canary Yellow . Each.....	.25	.60
	Perpetual Branching (Giant Perfection), early free-flowering, high percentage of double flowers, 3323 Mixed.....	.15	.35
	Separate colors, 3324 pure white , 3325 flesh , 3326 rose , 3327 silvery lilac , 3329 violet , 3331 Bloodred . Each.....	.15	.35
	Mammoth Forcing Column , non-branching. Grows only one tall stem. 3332 Bloodred , 3334 Mixed , 3335 Silver Lilac , 3336 Lilac lavender , 3337 Chamois Rose , 3338 White , 3339 Purple , 3333 Deep Rose , 3303 La France , Pink. Each.....	.50	1.25
3305	Gardenia , large white .....	.50	1.50
3304	Mauve colored , new color in stocks, high percentage of large double flowers set close together on stem.....	.25	.50
	<i>For summer blooming, sow stocks in March and set out in late May.</i>		

STRAWBERRY

	Pkt.	¼ Oz.
3351 Baron Solemacker, red, 3352 yellow.....	.10	.....
<i>Small fruited everbearing for pots or rock garden.</i>		

SWEET PEAS (Spencer varieties, early-flowering). For Green-house and early outside planting.

	Oz.	¼ Lb.
3355 Amethyst , royal purple .....	.30	1.00
3388 Annie Laurie , rich rose pink.....	.30	1.00
3358 Ball's Rose , improved rose pink.....	.30	1.00
3360 Ball White , large.....	.30	1.00
3361 Boon , coral salmon pink.....	.30	1.00
3362 Bridesmaid , silver pink.....	.30	1.00
3365 Chime , light salmon pink.....	.30	1.00
3366 Columbia , salmon rose with white wings.....	.30	1.00
3368 Daphne , soft salmon pink.....	.30	1.00
3369 Eleanor Blue , clear light blue lavender.....	.30	1.00
3370 Florists Blue , clear blue.....	.30	1.00
3372 Florists Rose , pure rose pink.....	.30	1.00
3373 Fragrance , fine large lavender.....	.30	1.00
3374 Giant Rose , rose pink.....	.30	1.00
3375 Gardenia , duplexed large white, for later or Spring blooming	.40	1.25
3376 Grenadier , dazzling scarlet.....	.30	1.00
3377 Hiawatha , deep rose, very large.....	.40	1.25
3378 Harmony , clear lavender.....	.30	1.00
3379 Hope , giant white.....	.30	1.00
3380 Iris Blue , deep blue.....	.30	1.00
3382 Josie , rose pink.....	.30	1.00
3383 Imperial Pink , clear pink.....	.30	1.00
3384 Laddie , improved large rose.....	.30	1.00
3385 Othello , maroon .....	.30	1.00
3387 Majestic Rose , rose pink, long stems.....	.30	1.00
3390 Mars , oxblood crimson .....	.30	1.00
3391 Mrs. Herbert Hoover , clear blue.....	.30	1.00
3392 Mother Machree , coral and golden rose.....	.30	1.00
3393 Princess Blue , belladonna blue.....	.30	1.00
3394 New Blue , deep blue.....	.30	1.00
3398 Skippy , light salmon pink.....	.30	1.00
3399 Shirley Temple , creamy salmon.....	.30	1.00
3400 Sequoia , golden cerise.....	.30	1.00
3402 Tahoe , midblue .....	.30	1.00
Tops , large delicate rose pink.....	.30	1.00
3403 Treasure Island , golden orange.....	.40	1.25
3405 Valencia , orange, robust grower, long stems.....	.30	1.00
3406 Top Hat , deep violet blue.....	.40	1.25
3408 White Harmony , black-seeded White.....	.30	1.00
3414 Mixed	Pkt. .20	.30 1.00
3415 Spring Flowering , blue .....	.40	1.25
3416 Spring Flowering , lavender.....	.40	1.25
3417 Spring Flowering , rose pink.....	.40	1.25

SWEET PEAS (Spencer Varieties, Summer flowering)—Continued

	Pkt.	Oz.	¼ Lb.
3419 Ascot, bright pink.....	.10	.20	.60
3420 Austin Frederick Improved, large lavender.....	.10	.20	.60
3421 Artiste, salmon rose pink .....	.10	.20	.60
3423 Brilliant Rose, Tyrian rose .....	.10	.20	.60
3425 Chieftan, satiny mauve .....	.10	.20	.60
3426 Chinese Blue, rich deep blue.....	.10	.20	.60
3427 Cissie, pale cream pink.....	.10	.20	.60
Fairyland, light rich rose.....	.10	.20	.60
3433 Gigantic, large white, black seeded.....	.10	.20	.60
3436 Hawlmark Pink .....	.10	.20	.60
3440 Highlander, pure lavender .....	.10	.20	.60
3442 Mary Pickford, cream pink suffused salmon.....	.10	.20	.60
3443 Patricia Unwin, salmon pink, cream ground.....	.10	.20	.60
3444 Mermaid, lavender .....	.10	.20	.60
3445 Pinkie, large rose pink .....	.10	.20	.60
3446 Prolific, pink .....	.10	.20	.60
3447 Pirate Gold, golden orange.....	.10	.20	.60
3449 Red Supreme, bright crimson red.....	.10	.20	.60
3451 Warrior, maroon .....	.10	.20	.60
3452 Sextet Queen, large white.....	.10	.20	.60
3453 What Joy, cream .....	.10	.20	.60
3455 Welcome, scarlet .....	.10	.20	.60
3456 Especially Mixed Spencer Varieties .....	.10	.20	.60
3458 Cupid Spencer Mixed, grows only about 1 ft. high.....	.10	.20	.75

Ruffled Varieties

3460 Beauty, lilac pink on amber.....	.10	.20	.60
3463 Blue, midblue .....	.10	.20	.60
3466 Bonnie, salmon pink .....	.10	.20	.60
3469 Crinkles, cerise pink suffused coral.....	.10	.20	.60
3472 Exquisite, salmon cerise .....	.10	.20	.60
3477 Pink .....	.10	.20	.60
3475 Heyday, deep rose pink, suffused amber.....	.10	.20	.60
3478 Rose .....	.10	.20	.60
3481 Sparkle, glowing cerise .....	.10	.20	.60
3484 White .....	.10	.20	.60
3487 Purple .....	.10	.20	.60
3490 Mixed .....	.10	.20	.60

Perennial Sweet Peas—see Lathyrus

SWEET WILLIAM (See Dianthus Barbatus)

a TAGETES (Marigold)

	Pkt.	¼ Oz.	Oz.
2710 Signata Pumila, dwarf yellow .....	.10	.40	.....

p THALICTRUM (Meadow Rue)

3864 Diptercarpum, lilac, fine for cut flowers.....	.10	.60
---	-----	-----	-------

Sow in cold frame and plant out in open when large enough.

p THERMOPSIS

	Pkt.	¼ Oz.	Oz.
3870 Caroliniana , grows about 4 ft. tall, bushy, yellow Lupin-like panicles .....	.25	.75	.....
<i>Sow in open ground in May or June and transplant in early September or next spring.</i>			

a TITHONIA (Mexican Sunflower)

3875 Speciosa , bright orange scarlet, single flowers, tall early flowering strain.....	.10	.40	.....
<i>Sow under glass in March and set out when danger of frost is over.</i>			

pr THYMUS

3880 Serpyllum , wild thyme, reddish purple flower.....	.25	.....	.....
<i>Sow in cold frame and transplant to open ground when large enough to move.</i>			

ac THUNBERGIA

3885 Alata , mixed, hanging habit, fine for boxes or vases....	.10	.30	.....
<i>Sow under glass in March, pot and plant outside when danger of frost is over.</i>			

TORENIA

3888 Fournieri Nympe , dwarf compact, blue.....	.25	.....	.....
3889 Fournieri , blue.....	.10	.....	.....
3890 Bailionii , yellow with brown .....	.25	.....	.....
3891 White Wings .....	.25	.....	.....
<i>Sow under glass in February, pot and plant outside in late May or June.</i>			

TRACHELIUM (Throat Wort)

3895 Coeruleum , blue, resembles a tall Ageratum.....	.25	.....	.....
<i>A perennial in warmer climate, but here it can be used as bi-annual, and it will bloom the first season if sown under glass in early spring.</i>			

p TRITOMA (Red Hot Poker)

3899 Pfitzer's Hybrids .....	.10	.50	.....
3900 Hybrida Semperflorens , mixed, blooms first year if sown early .....	.10	.50	.....

TUNICA

3910* Saxifraga , mossy foliage, small pink flowers.....	.10	.25	.....
<i>Will bloom first year if sown early.</i>			

URSINIA

3915a Anethoides , bright orange, 12 inches.....	.10	.60	.....
3916r Pulchra , orange, 6 in.....	.25	.....	.....
<i>Fine for Bedding Plants, also Pot Plants.</i>			

VENEDIUM

3924 Fastuosum , large, single, shiny orange flowers, glitter- ing black disc, grey foliage.....	.25	.75
--	-----	-----	-------

ar VERBENA

		Pkt.	¼ Oz.	Oz.
3932	Mammoth, mixed .....	.10	.35	1.25
3934	Helen Willmott, clear pink.....	.10	.60	.....
3935	Danebrog, scarlet red, with clear white center.....	.10	.50	.....
3936	Grandiflora (Gigantea), mixed .....	.10	.50	1.60
3937	Grandiflora white .....	.10	.60	.....
3938	" blue .....	.10	.60	2.00
3939	" rose with eye.....	.10	.60	2.00
3940	" scarlet .....	.10	.60	2.00
3941	" Royale purple with eye.....	.10	.60	2.00
3942	" Lavender Glory, clear lavender, white eye .....	.10	.60	.....
3943	" Beauty of Oxford Hybrids, very large-flowered. Shade from clear rose pink to rose red .....	.10	.60	.....
3944	" Brightness, bright rose cerise scarlet.....	.25	.80	.....
	Annapolis Blue .....	.25	1.00	.....
	Mounty, scarlet red .....	.10	.75	.....
	Spectrum Red .....	.10	.75	.....
	Spitfire, scarlet rose .....	.25	1.00	.....
3946	Compacta, Mixed .....	.10	.80	3.00
3948	" Rose Bouquet, brick rose.....	.25	.80	.....
3949	" Blue Sentinel, Violet blue w. white eye.....	.25	.80	.....
3951	" Violet Bouquet, deep violet.....	.25	.80	.....
3952	" White .....	.25	.80	.....
3947	" Fireball, bright scarlet, very dwarf and compact .....	.25	.60	.....
3950	Royal Bouquet, mixed, upright, long straight stems .....	.25	.60	.....
3953	Erinoides, blue, (Moss Verbena).....	.10	.35	.....
3955	Venosa, light purple, Bedding Verbena .....	.10	.35	.....
3956	" lilacina, lavender blue.....	.10	.50	.....
3960	Bonariensis, rosy lavender, sweet scented, branching, 4 ft. tall. Fine for flower beds and borders.....	.10	.50	.....
	<i>For spring blooming, sow Verbena in January or February and for later blooming, sow in March under glass, or in open ground in May.</i>			

pr VERONICA

3965	Spicata, blue .....	.10	1.00	.....
3968	Mixed .....	.10	.....	.....
	<i>Sow in spring or fall in frame.</i>			

pr VIOLA

3979	Cornuta, Arkwright Ruby, small-flowered, crimson red .....	.25	2.50	.....
3981	" (Tufted Pansy), mixed .....	.10	.75	2.50
3982	" Admiration, dark blue .....	.10	1.00	.....
3985	" Blue Gem (Jersey Gem), deep purple.....	.25	4.00	.....
3986	" Blue Perfection, light blue .....	.10	1.00	.....
3987	" Butterfly, blue and white.....	.10	1.00	.....
	" Chantreyland, apricot .....	.25	1.75	.....
	" Mrs. A. H. Scott .....	.25	1.75	.....
	Johnny Jump Up, very small flowered.....	.25	1.50	.....
3990	" Lutea Splendens, clear yellow .....	.10	1.00	.....
3991	" Mistrals Mourning, purple, nearly as dark as Jersey Gem .....	.25	1.00	.....
3993	" White Perfection, white .....	.10	1.00	.....
	<i>Sow in spring or summer. The Odorato are slow germinating.</i>			

a VINCA (Periwinkle)

	Pkt.	¼ Oz.	Oz.
3971 Pure White, 3972 White w. eye, 3973 Rose, 3974 Mixed, 3975 Kermesina. Each.....	.10	.50	1.75

Sow in February, pot and plant out after danger of frost is past.

a VISCARIA

4005 Oculata, mixed, grows about a foot high.....	.05	.15	.40
4006 Blue Pearl, free flowering, pure lavender blue.....	.10	.50	.....
4007 Rose Beauty, upright growth, bright rose pink, large-flowered .....	.10	.50	.....

Sow in open ground in May.

VOLUTARIA

4009 Star of the Desert, deep lavender, (for cutflowers only)10	.60
---	-----	-----	-------

Sow in open ground in Spring and thin out to a foot apart.

WALLFLOWER

4010 Parisian Bloodred, single. Fine for forcing for cut flowers .....	.10	.20	.60
4011 Goliath, single, dark brown .....	.10	.15	.50
4013 Early Wonder, double annual.....	.10	.60	.....

The single varieties bloom first season, if sown early.

a XERANTHEMUM, Everlasting

4019 Double, mixed05	.15	.50
--------------------------	-----	-----	-----

Sow in open ground in May. The flowers can be cut and dried for winter bouquets.

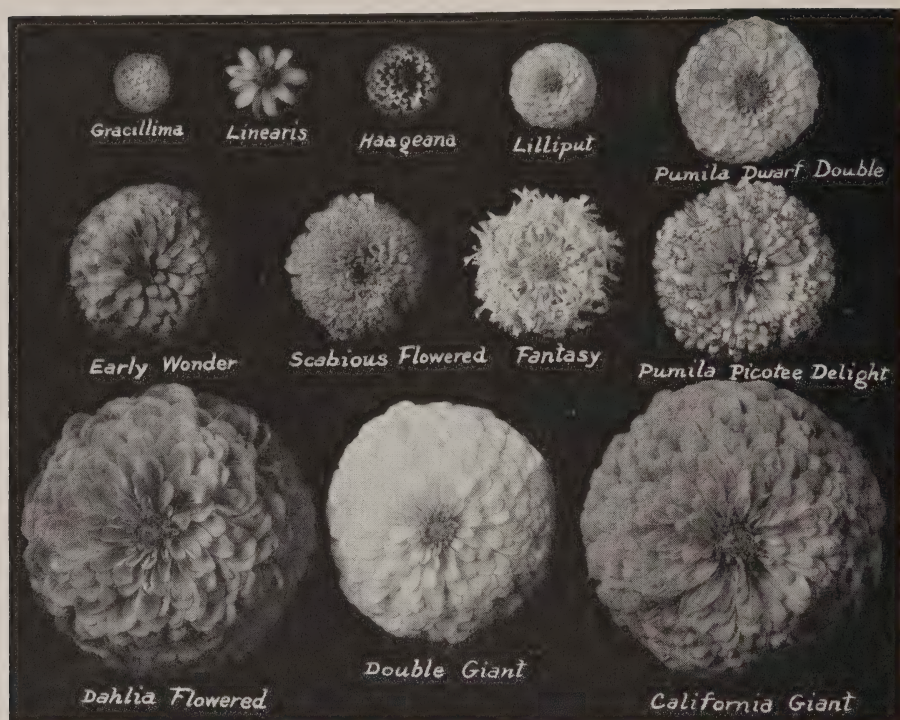
a ZEA (Rainbow Corn)

4024 Quadri-color, various colored leaves0520
---	-----	-------	-----

Sow in open ground in May.

a ZINNIA

4025 Cupid, Mixed, small button like flowers on compact plant .....	.10	.40	.....
4026 " Pixie, bright yellow .....	.10	.40	.....
4027 " Tiny Tim, rich scarlet.....	.10	.40	.....
4028 " Snowdrop, white .....	.10	.40	.....
4030 Elegans, double, many varieties, mixed.....	.05	.15	.50
4034 Early Wonder, mixed, early blooming, upright, long stems .....	.10	.40	.....
4043 Gaillardia-flowered (Navajo) mixed, about 2 ft. tall, flowers about 2 inches across, resembling somewhat a double Gaillardia. Very fine color combination.....	.10	.30	1.00
4044 Linearis, single yellow, grows about 1 ft., but spreads out during the blooming period, very free-flowering....	.10	.40	.....
4046 Haageana (Mexican) double mixed.....	.10	.30	.....
4048 Tom Thumb Mixture, new, small-flowered, dwarf type. Can be used in Rock Garden.....	.10	.30	1.00
4049 Lilliput, small-flowered, mixed, double, 12 in.....	.10	.20	.60
4050 " White Gem .....	.10	.25	.80
4051 " Canary yellow .....	.10	.25	.80
4052 " Salmon rose .....	.10	.25	.80

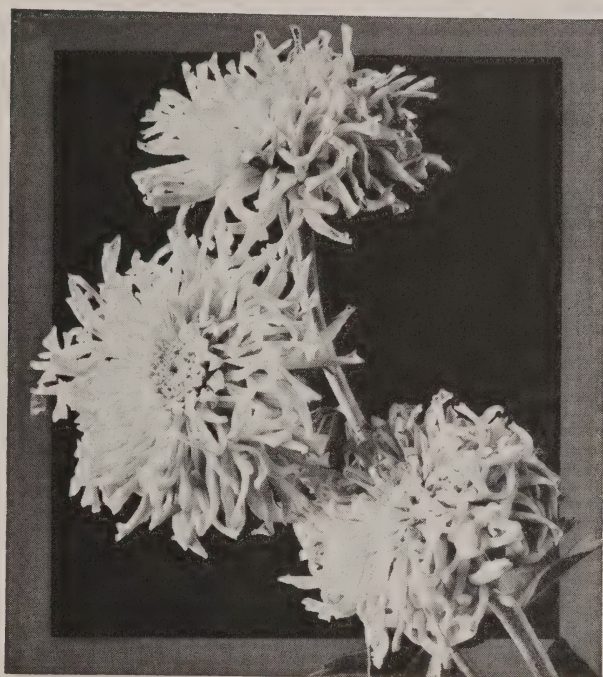


TYPES OF ZINNIA

ZINNIA—Continued

		Pkt.	¼ Oz.	Oz.
4053	Lilliput, Rosebud, rose pink.....	.10	.25	.80
4054	" Red Riding Hood, scarlet (Gracellima).....	.10	.25	.80
4055	" Crimson Gem, dark crimson .....	.10	.25	.80
4056	" Purple .....	.10	.25	.80
4057	" Valencia, burnt orange.....	.10	.25	.80
4038	Fantasy, mixed colors, 2½ to 3 ft. tall.....	.10	.30	.....
4039	" Star Dust, deep golden yellow.....	.15	.40	.....
4037	" Orange Lady, deep bright orange.....	.15	.40	.....
4036	" Rosalie, bright rose .....	.15	.40	.....
4035	" White Light, white .....	.15	.40	.....
4032	" Wildfire, rich scarlet .....	.15	.40	.....
4040	Scabious-flowered, mixed, tall, large-flowered. Each flower has a row of long petals with a center looking like a Scabiosa flower was laid on the flower.....	.10	.30	.....
4041	Scabious-flowered, Campfire, bright scarlet.....	.10	.40	.....
4042	Howards Giant Crested, mixed colors, cross between Dahlia-flowered and Scabious-flowered.....	.15	.60	.....
	Pumila (Cut and Come Again) double. Good for cut flowers. Flowers are well shaped, about 1½ inches in diameter. Plants grow 1½ to 2 ft. high.			
4060	" Mixed .....	.10	.15	.50

Fantasy Zinnia are odd shaped with twisted or curved petals. The flowers are about the size of the Double Giants. Formerly they could only be had in a mixture of colors but now there are four separate colors to be had.



ZINNIA FANTASY

ZINNIA—Continued

		Pkt.	¼ Oz.	Oz.
4061	Pumila, white .....	.10	.20	.60
4062	" flesh .....	.10	.20	.60
4063	salmon rose (Watermelon Pink).....	.10	.20	.60
4064	" Pinkie, fine rose pink.....	.10	.20	.60
4065	" Picotee Delight, salmon rose.....	.10	.30	1.00
4067	" Canary yellow .....	.10	.20	.60
4068	" Golden orange .....	.10	.20	.60
4069	" Fireball, bright scarlet .....	.10	.20	.60
4070	" Crimson .....	.10	.20	.60
4071	" Violet .....	.10	.20	.60
4072	" Spun Gold, butter yellow.....	.10	.20	.60
4075	Double Giants, mixed, large-flowered, long stems.....	.10	.25	.80
4074	" " Faust, blackish maroon.....	.10	.25	.80
4076	" " deep flesh .....	.10	.25	.80
4078	" " deep salmon rose .....	.10	.25	.80
4079	" " bright rose .....	.10	.25	.80
4080	" " Canary yellow .....	.10	.25	.80
4081	" " burnt orange .....	.10	.25	.80
4082	" " scarlet .....	.10	.25	.80
4083	" " purple .....	.10	.25	.80
4084	" " crimson .....	.10	.25	.80
4085	" " lavender .....	.10	.25	.80

ZINNIA—Continued

			Pkt.	¼ Oz.	Oz.
California Giants. Larger and better than the Double Giants.					
4086	"	Mixed .....	.10	.30	1.00
4087	"	Purity, white .....	.15	.30	1.00
4088	"	Brightness, deep pink .....	.15	.30	1.00
4089	"	Enchantress, pink .....	.15	.30	1.00
4090	"	Miss Willmott, soft pink.....	.15	.30	1.00
4091	"	Rose Queen, bright rose.....	.15	.30	1.00
4092	"	Cerise Queen, cerise rose.....	.15	.30	1.00
4093	"	Orange King, orange scarlet.....	.15	.30	1.00
4094	"	Scarlet Gem, glowing scarlet.....	.15	.30	1.00
4095	"	Salmon Queen, salmon rose.....	.15	.30	1.00
4096	"	Grenadier, bright dark red.....	.15	.30	1.00
4098	"	Daffodil, clear yellow.....	.15	.30	1.00
4099	"	Golden Queen, golden yellow.....	.15	.30	1.00
4100	"	Lavender Gem .....	.15	.30	1.00
Dahlia-flowered. Considered the best variety of large-flowered Zinnias.					
4110	"	Mixed, very fine.....	.10	.25	.80
4111	"	Mixture of named varieties.....	.15	.30	1.00
4112	"	Canary Bird, primrose yellow.....	.15	.30	1.00
4113	"	Crimson Monarch, largest Zinnia.....	.15	.30	1.00
4114	"	Dream, deep lavender .....	.15	.30	1.00
4115	"	Exquisite, light rose, center deep rose, well formed flower.....	.15	.30	1.00
4116	"	Golden Dawn, golden yellow.....	.15	.30	1.00
4117	"	Eldorado, salmon apricot .....	.15	.30	1.00
4118	"	Illumination, deep rose, darker shade than Exquisite....	.15	.30	1.00
4119	"	Meteor, deep red.....	.15	.30	1.00
4120	"	Old Gold, deeper and lighter shades of old gold.....	.15	.30	1.00
4121	"	Oriole, orange and gold.....	.15	.30	1.00
4122	"	Polar Bear, white .....	.15	.30	1.00
4123	"	Purple Prince, deep purple.....	.15	.30	1.00
4124	"	Scarlet Flame, bright scarlet.....	.15	.30	1.00
4125	"	Will Rogers, brilliant scarlet red.....	.15	.30	1.00
4126	"	Tango, brilliant orange .....	.15	.40	.....
4132	"	Desert Gold, new. Beautiful shade of yellow, picoteed.....	.15	.45	.....
4135	"	Crown of Gold, pastel tints .....	.15	.40	.....

Zinnias can be sown in open ground in May or under glass in late March or April. The small varieties should be spaced at 6 inches and the larger at about 18 inches apart.

MIXTURE OF FLOWER SEEDS

	Pkt.	¼ Oz.	Oz.
4150 California Wild Flowers, mixed.....	.05	.20	.60
4151 Dwarf Annual Flowers, mixed.....	.05	.10	.25
4152 Tall Annual Flowers, mixed.....	.05	.10	.25
4153 Annual Flowers, tall and short, mixed.....	.05	.....	.15
4154 Dwarf Perennials, mixed .....	.10	.25	.....
4155 Tall Perennials, mixed .....	.10	.25	.....
4156 Everlasting, mixed .....	.05	.15	.50
4157 Ornamental Grasses, mixed.....	.05	.15	.50

BIRD SEEDS

(Not Sent Prepaid—Prices Variable)

	Per Lb.	10 Lbs.
Canary, Turkish or Marocco.....	.20	1.80
Rape, sweet .....	.25	.....
Rape, ordinary black.....	.25	.....
Hemp .....	.30	.....
Millet .....	.10	.90
Sunflower .....	.15	.....
Poppy Seed, Blue .....	.80	.....
“ “ White .....	.30	.....
Lettuce Seed, white or black.....	.30	.....
Thistle, Inga or Niga.....	.50	.....
Gold of Pleasure .....	.50	.....
Mixture of several kinds, for canary birds.....	.15	.....
Condition Mixture, a treat for canaries.....	.40	.....
Flax .....	.10	.....
Hulled Oats .....	.10	.....
Sesame .....	.50	.....
Cuttlebones, each 5c to 15c.....	Oz. .15	.....
Cuttlebone, small and broken pieces.....	Oz. .15	.....
Bird Gravel, per box.....	.10	.....
Pulvex, non-poisonous powder for killing fleas, lice on birds, dogs or other pets, 2 oz. package.....	.50	.....

FIELD SEEDS

We carry a full line of Field Seeds; such as Clovers, Grasses, Millet, Corn and Grains, but as the prices on these items vary, we cannot very well make a price at this time which will be good for any length of time. We carry only the highest qualities, and sell at the lowest prevailing market price for such quality.

NITROGEN—for inoculating Alfalfa, Clover, Beans, Garden Peas and Sweet Peas with Nitrogen gathering bacteria. Garden size for Peas, Beans, Sweet Peas, and Lupinus, **10c**; ½ bushel size for Alfalfa and Clovers, **30c**; bushel size, **50c**. 2 bushel size for Soya Beans, **30c**.

LAWN SEEDS

(Prices Variable)

	Per Lb.	10 Lbs.
Kentucky Blue Grass , fancy grade.....	.35	\$3.25
“ “ “ very heavy grade, 96% Purity.....	.45	4.25
One of the best grasses for permanent lawns. Slow to germinate but when once established, makes a beautiful lawn.		
Rough Stalked Meadow Grass —(Poa Trivialis).....	1.60	.....
Deep green, fairly quick to germinate, does well in partly shaded places.		
Wood Meadow Grass (for shade).....	1.60	.....
Only recommended for shade, slow to germinate and to get established. Deep green.		
Red Top , solid seed, fancy grade.....	.30	2.75
Quick germination and growing. Light green.		
Astoria Creeping Bent Grass	1.20	.....
Quick germination, light green, thin fine blades and spreads out by the roots.		
Seaside Bent Grass	1.20	.....
Rye Grass , good for 1 year lawns only.....	.20	1.70
Domestic type, and a mixture of English and Italian grasses. Recommended where quick effect or growth is desired. Only partly hardy in this climate.		
White Clover , extra clean.....	1.20	.....
Wild White Clover , wild type, English (Kent).....	1.60	.....
Danco Mixture . Our most popular mixture for permanent lawns.....	.45	4.25
Best mixture for permanent, luxurious lawns. Contains Kentucky Blue Grass, Red Top, Poa Trivialis, Creeping Bent and White Clover.		
Danco Special Mixture , made up of only the highest grade of Ky. Blue Grass, Poa Trivialis, Red Top and Bent Grass.....	.60	5.75
Quick Result Mixture.....	.35	3.25
Where quick growth is desired we recommend this mixture. Contains Kentucky Blue Grass, Red Top, Rye Grass and White Clover.		
Shady Mixture .....	.70	6.75
Especially prepared for shady places. Contains Kentucky Blue Grass, Red Top, Rough Stalked Meadow Grass, Wood Meadow and White Clover.		
Sterling Mixture .....	.45	4.25
A very popular mixture, containing Kentucky Blue Grass, Red Top and White Clover.		
Red Fescue (Chewings Fescue).....	1.00	.....

SUGGESTIONS FOR MAKING A LAWN

In making a new lawn, the soil should be spaded very thoroughly and if any Quack-grass is present, all the roots should be picked out. The surface must be made level at the same time. After leveling, the soil should be either tramped down or rolled with a heavy roller to get the foundation firm. Seed should be broad-cast very evenly at the rate of 1 lb. of good clean seed to about 200 square feet. The seed should then be either covered with a thin layer of soil or chopped down and the soil rolled again and watered. For repairing an old lawn we recommend to scratch the sod thoroughly and deep with a rake so the dead grass can be cleared off and the surface of the soil rough, then sprinkle the seed. Now go over the lawn again with the back or smooth side of the rake to cover up as much seed as possible. Another method will be to sprinkle seed on the old lawn and then cover with at least ½-inch of finely pulverized peat moss. Once in a while the lawn, especially an old one, should be given an application of some good plant food containing Nitrogen.

GLADIOLUS

Prices are for No. 1 bulbs, state inspected.

	Per Doz.	Per 100
Aida , deep purple .....	.50	3.00
Beacon , good light red, cream throat.....	.60	4.00
Betty Nuthall , light coral, orange throat, erect spike.....	.40	2.00
Commander Koehl , deep red, very tall, large flowers.....	.50	3.00
J. S. Bach , large orange salmon.....	.50	3.00
Golden Chimes , best light yellow.....	.50	3.50
Margaret Beaton , white with red throat, extra.....	1.50	10.00
New Era , ruffled pure pink.....	.60	4.00
Maid of Orleans , large milky white with creamy throat.....	.40	2.50
Minuet , tall, fine lavender.....	.50	3.00
Moorish King , deep velvety mahogany red.....	.75	5.00
Mother Machree , smoky lavender with salmon.....	.60	4.00
Pelegrina , pure dark violet blue, tall spike.....	.50	3.00
Picardy , very large, tall, light pink.....	.40	2.00
Polar Ice , pure white, early.....	.50	3.00
Red Phipps , light red, many flowers open.....	.40	2.50
Rewi Fallu , large dark red.....	.60	4.00
Rosa von Lima , beautiful soft pink.....	.60	4.00
Vagabond Prince , smoky with gold throat.....	.60	4.00
Vredenburg , large pure white.....	.75	5.00
Yellow Perfection , soft yellow.....	.40	2.50
Mixture , made up of named varieties, size No. 1.....	.45	2.50

Gladiolus can be planted during May and June.

Our bulbs are grown in Oregon, and although there is no thrip on the bulbs when shipped the bulbs and the growing plants may be attacked by thrip when growing. It is recommended to spray with a solution made of $\frac{1}{4}$ lb. Tartar Emetic to 1 lb. of Brown Sugar in 6 Gallons of Water or use $1\frac{1}{2}$ tsp. Tartar Emetic to $\frac{1}{2}$ cup of Karo Syrup to 1 gallon of water. Spray once or twice a week from the time when the plants are 4-5 inches up and until blooming time.

SALBACH'S PATENTED GLADIOLUS

We offer 5 varieties which Mr. Carl Salbach has licensed us to sell.

	Each	Five for	Per Doz.
California (Pat. No. 359), geranium pink with deeper pink blotch in throat .....	.25	1.00	2.20
Grand Opera (Pat. No. 280), geranium pink to LaFrance pink, large flowers .....	.40	1.75	3.60
Helen of Troy (Pat. No. 359), very large, apricot pink with orange .....	.25	1.00	2.20
King of Hearts (Pat. No. 360), one of the largest gladiolus, light coral .....	.25	1.00	2.20
Sir Galahad (Pat. No. 356), very large with many flowers open at one time, soft creamy yellow with rich crimson blotch.....	.25	1.00	2.20

MISCELLANEOUS BULBS AND ROOTS

	Each	Per Doz.	Per 100
Amaryllis Hybrids , large bulbs, mixed colors for pot culture.....	.50	5.00	.....
" Formossissimo , Sprekelia or Jacobean Lily, bright red, blooms before leaves appear.....	.25	2.50	.....
Anemone de Caen , beautiful French mixture.....		.40	.....
" " " St. Brigid , mostly double, mixed.....		.40	.....
Begonia tuberous-rooted , Rosebud Type , in 5 separate colors.....	.25	2.50	.....
" " Picotee Type , in 5 separate colors.....	.25	2.50	.....
" " Double Camelia-flowered , in 15 separate colors .....	.25	2.50	.....
Caladium fancy leaved , for pots or window boxes.....	.25	2.50	.....
Caladium Elephants Ears , large green leaves.....	.15	1.50	.....
Canna King Humbert , red with brown leaves.....	.08	.80	5.50
" The President , large red with green leaves.....	.08	.80	5.50
" Yellow King Humbert , yellow with green leaves.....	.08	.80	5.50
" Mrs. A. Conard , pink.....	.08	.80	5.50
" Eureka , white .....	.15	2.00	.....
Dahlias (We carry an assortment of Dahlias in the Spring and will be glad to furnish a list to those interested. Prices will be from 10c each and up.)			
Gloxinia , for Pot Plants. Assorted colors and varieties.			
Large size bulbs.....	.35	.....	.....
Hyacinthus candicans , tall white Summer Hyacinth.....	.15	1.50	.....
Ismene calathina , Peruvian Daffodil, fragrant white resembling a <i>Amaryllis</i> some.....	.20	2.80	15.00
Lilium Henry , yellow, very good for shady position.....	.30	.....	.....
" Formosanum , tall white, blooms in late summer.....	.35	3.50	.....
" Princeps Hybrids , white .....	.50	5.00	.....
" Willmottiae , orange red, spotted.....	.15	1.50	.....
" Elegans (sometimes called Red Russian).....	.25	2.50	.....
" Regale , white fragrant, 9-10 inch bulbs.....	.40	4.00	.....
8-9 inch bulbs.....	.30	3.00	.....
" Tenuifolium , Coral Lily, small orange.....	.15	1.50	.....
Several other varieties and sizes quoted on demand.			
Montbretia , good mixture .....		.75	5.50
Tigridia , mixed, Tiger Flower, very beautiful.....	.10	1.00	.....
Tuberose Excelsior Pearl , very fragrant, white.....		.80	6.50

We expect to have several other kinds of bulbs for Spring planting.

FERTILIZERS



MIXTURES OR COMBINATIONS

Lawn and Garden Fertilizers (Armour's)—Combination of 4% Nitrogen, 8% Phosphoric Acid, 6% Potash. Quick acting, for general use on lawns and gardens.

Special Tree Food (Armour's)—10% Nitrogen, 8% available Phosphoric Acid and 6% Potash. Good for all types of shade trees and Evergreens. For Shade Trees apply in holes drilled 16 inches deep and 2 feet apart under the drip of outside branches at the rate of $\frac{3}{4}$ lb. per each foot in height of tree up to 50 lbs. per tree. For Evergreens use $\frac{1}{2}$ lb. per foot in height of tree and work into surface soil.

Special Turf Fertilizer (Armour's)—A complete grass plant food. 10% available Nitrogen, 8% Phosphoric Acid and 6% Potash. For Golf-Course Fairways, broadcast 500 lbs. per acre in early spring or 300 lbs. per acre in early fall. For Greens, mix 10-20 lbs. with compost and apply to each 1000 square feet and drench in. For Lawns, use 2 to 3 lbs. per 100 square feet and water in thoroughly.

Special Turf Fertilizer No. 2 (Armour's) containing 6% nitrogen, 12% phosphoric acid and 4% potash.

Milorganite, a fertilizer made from the Milwaukee sewerage system, and very beneficial for lawns and gardens, 100 lb. bag **\$3.00**.

Plantabbs, concentrated plant food in Tablets containing Vitamin B-1. Box of 30 tablets **25c**; 75 tablets **50c**; 200 tablets **\$1.00**.

Florist Special Mixture (Armour's)—All inorganic and quickly available. 5% Nitrogen, 15% Phosphoric Acid and 5% Potash. Recommended for all types of plants under glass or outside. Before planting, apply 6 lbs. per 100 square feet and work thoroughly into the soil. For soil piles mix a 4-inch pot full with each wheelbarrow of soil.

Fertil Points, small tablets of highly concentrated fertilizer for Pot Plants, Window Boxes and can also be used for outside. Packet of 40 tablets, **10c**; packet of 30 tablets, containing Vitamin B-1 **10c**.

Hyponex, Plant Food soluble concentrated food for plants growing in soil, sand or water.

3 oz. can.....	\$0.25
1 lb. can.....	1.00
10 lb. can.....	8.00
25 lb. can.....	15.00

OTHER FERTILIZERS AND PEAT

Bone Meal—A high grade steamed bone meal for enriching the soil. Not a stimulant, but more for general improvement of soil. Nitrogen 2%, Phosphoric Acid 24%. 5 lbs. **40c**—25 lbs. **\$1.25**—50 lbs. **\$2.30**—100 lbs. **\$4.10**.

Cattle Manure, dry, shredded, 50 lb. bag **\$1.75**.

Sheep Manure, Pulverized—A humus rich fertilizer for general use. 5 lbs. **30c**—10 lbs. **50c**—25 lbs. **90c**—50 lbs. **\$1.50**—100 lbs. **\$2.50**.

Tobacco Mulch, used for mulching flower beds and benches.

Rose Grower Bone Meal (Raw Bone Meal)— $3\frac{3}{4}\%$ Nitrogen, 22% available Phosphoric Acid. Finely pulverized, more quickly available than ordinary Raw Bone Meal. For Benches, 10 lbs. per 100 square feet mixed with the soil is recommended. Very good for perennial gardens. 100 lbs. **\$4.60**.

Muriate of Potash, 50% Potash. Used with other materials such as Phosphoric Acid. Of special value for Potatoes and other root crop.

Hardwood Ashes, 25 lbs. **\$1.25**; 100 lbs. **\$3.25**.

Super-phosphate, 20% available inorganic Phosphoric Acid. 5 lbs. **25c**—10 lbs. **40c**—25 lbs. **85c**—50 lbs. **\$1.50**—100 lbs. **\$2.50**.

Multiphos, 45% available inorganic Phosphoric Acid.

Nitrate of Soda, 16% inorganic Nitrogen, readily soluble and quickly available. A stimulant for grass and other green plants.

Aluminum Sulphate, used for adding acid to soils where such is needed. 1 lb. **10c**—5 lbs. **35c**.

Sulphate of Ammonia, kiln dried, 21% inorganic Nitrogen. For use outside or under glass. In Liquid Manure, dissolve 2 lbs. per 50 gallons of water.

Sulphate of Potash for carnations.

Charcoal—Powdered or coarse, 50 lbs. **\$2.00**.

Adco—Used to mix with leaves, straw or other green matter for converting such material into manure quicker than in a compost heap. 25 lbs. **\$2.50**—150 lbs. **\$13.00**.

Cotton Seed Meal—Sometimes used as a fertilizer, rich in humus.

Blood Meal—Valuable fertilizer, gives plants and flowers a richer and deeper color. 1 lb. **15c**—10 lbs. **\$1.25**.

Swedex, very finely pulverized imported Peat for mixing in soil or for seed flats. Sack **\$2.00**; bale **\$7.00**.

Peat Moss, Horticultural—Imported bales. For mulching Lily beds or perennial borders and for general use in mixing with soil or for mulching. A bale contains about 20 bushels of Peat when loosened up. 1 bale **\$4.25**—5 bales **\$20.00**—10 bales **\$37.50**.

25c per bale less if not delivered or for shipment.

Sphagnum Moss, per bale **\$1.75**.

Gypsum or Land Plaster—100 lb. bags **\$1.25**.

Limite—Hydrated lime, used for applying to sour soil. 5 lbs. **20c**—10 lbs. **35c**—50 lb. bag. **\$1.00**.

VEGETABLES GET MINERALS and VITAMINS FROM SOIL!

Proper feeding with VIGORO VICTORY GARDEN FERTILIZER WILL GO A LONG WAY TOWARD HELPING YOU PRODUCE BIG YIELDS OF VITAMIN YIELDING, MINERAL-RICH VEGETABLES.

Scientific studies have proved that vegetables grown on soils rich in plant food are better sources of vitamins and minerals so necessary for radiant health. You can be certain that the plants in your garden are supplied with all of the food elements they require for finest growth and full flavor if you feed them with VIGORO VICTORY GARDEN FERTILIZER.

VIGORO VICTORY GARDEN FERTILIZER, for food production only, is a COMPLETE PLANT FOOD. It supplies all of the elements scientists have proved plants require and which experience shows are often lacking in soils. It is clean, odorless and easy to use.

Vegetables from your own, properly fed garden are a treat the whole family will enjoy. This is one way you can be assured of vegetables at their very best . . . minutes from the garden to the table.

100 lb. bag	\$4.00	25 lb. bag	1.50
50 lb. bag	2.50	10 lb. package	.80
		5 lb. package	.50



SPRAYING PAYS

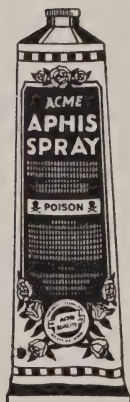
Insecticides and Fungicides

A RELIABLE BRAND

Allround Spray (Acme)—Contains Bordeaux and Arsenate of Lead mixed and a bottle of Nicotine. $\frac{1}{4}$ lb. can **20c.**

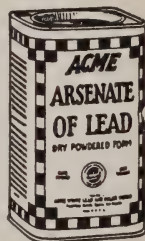
Ant Kill (Acme)—Kills ants in in their nests, destroying whole colonies. Sold either the Syrup alone or together with the Safety Cups. Junior Sets has one 2 oz. bottle of syrup and 2 cups. Cottage Sets has one 3 oz. bottle of syrup and 5 cups.

Junior Sets	\$0.35	2 oz. Bottle Syrup.....	\$0.20
Cottage Sets .....	.65	3 oz. Bottle Syrup.....	.25
Service Cups, each.....	.10		



Aphis Spray (Acme)—All around contact insecticide for control of Aphis, Thrip, Leaf Hopper and many other sucking insects. The 3 oz. tube contains 1 oz. Nicotine (Black Leaf 40) and 2 oz. Fish Oil Soap. Ready for use, just add water. 3 oz. tube **35c**; 12 oz. can **\$1.00**; $2\frac{1}{2}$ lb. can, **\$2.35.**

Arsenate of Lead (Acme)—Very fluffy and bulky. A favorite spray for control of most chewing insects and worms. Does not harm foliage and sticks well. $\frac{1}{2}$ lb. can, **20c**; 1 lb. can, **35c**; 4 lb. bag, **75c.**

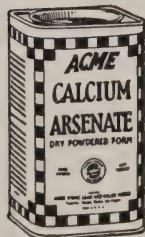


Bait-M (Acme)—New improved formula. Insecticide bait for cutworms, sow-bugs, grasshoppers and other leaf-eating insects. Scatter around the plant to be protected. $1\frac{1}{2}$ lb. carton, **35c**; 4 lb. carton, **85c**; 15 lb. bag **\$3.00.**



Bait-M (Acme)—With Metaldehyde, special formula for Snails or Slugs. 4 lb. bag **85c.**

Black Leaf 40—A 40% Nicotine Sulphate for spraying against almost all kinds of insects and for painting chicken roosts for lice on poultry. 1 oz., **36c**; 5 oz., **\$1.05**; 1 lb., **\$2.42**; 2 lbs., **\$3.57**; 5 lbs., **\$6.70**; 10 lbs., **\$11.65.**



Bordeaux Mixture (Acme)—For preventing blight and a general fungicide. 1 lb. **35c**—4 lbs. **75c.**

Calcium Arsenate (Acme)—Inexpensive for use on hardy foliage. Does not stick as well as Arsenate of Lead, but it is stronger and cheaper. 1 lb., **25c**; 4 lbs., **45c**; 24 lbs., **\$2.50.**



Ceresan—New improved. Dust disinfectant for Wheat, Oats and Barley. 1 lb. can treats about 30 bushel. 1 lb., **80c**; 5 lbs., **\$3.40**.

Cyanogas—A dust for quick fumigating for outside use. $\frac{1}{2}$ lb., **45c**; 1 lb., **75c**. G Dust for Greenhouse Fumigating. 5 lbs., **\$3.00**; 25 lbs., **\$10.00**.

Copper Rotenone Dust, containing copper and Rotenone for controlling Fungus and Insects. 1 oz. push-pull cannister, **50c**; 5 lb. bags market price.



Dawg-gone (Acme)—Keep dogs away. To use, hang the tubes on a branch or post and unscrew the cap. The odor will then slowly escape and keep the dogs away. Per tube, **25c**.

Dogzoff—A liquid spray for keeping dogs away from evergreens, steps and other places. 3 oz. bottle, **60c**.

Cuprocide, for disinfecting seeds and soils. $\frac{1}{4}$ lb. **35c**, 1 lb. **90c**.

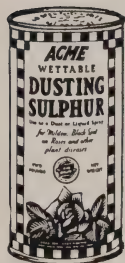
Cuprocide, yellow, 3 lbs. **\$1.60**.

Cinnex 20, an instant mercury dip for potatoes. 1 lb. **\$1.25**.

Dogzix, liquid spray to keep dogs and other animals at a distance. 16 oz. bottle, **\$1.00**.

Dusting Sulphur (Wettable)—Can be used either dry or mixed with water for spraying. 2 lb. can, **30c**; 5 lb. bag, **60c**; 100 lb. lots, ask for prices.

Wettable Dusting Sulphur, 10 lbs., **\$1.20**; 25 lbs., **\$2.50**; 50 lbs., **\$4.50**; 100 lbs., **\$8.00**.



HOME GARDENERS!

Grow more beautiful flowers by ridding plants of harmful insects. Simply spray powerful, non-poisonous Ever Green—small cost, big results, easy to use. 35c bottle makes 6 gallons.

EVER GREEN Garden SPRAY

Emo (Acme)—Summer Oil Spray, safe to use and very effective for Rust Mites, Red Spiders and other sucking insects on trees and flower-plants. 8 oz. can, **30c**; Pint, **50c**; Quart, **70c**; Gallon, **\$1.95**; 5 Gallons, **\$5.00**.



Emo Nik (Acme)—Oil Spray for summer use, containing Nicotine and is recommended for Aphids, Thrip, Scale and many other insects. $4\frac{1}{2}$ oz. can, **35c**; Pint, **65c**; Quart, **95c**; Gallon, **\$2.50**.

Formacide, Formaldehyde Dust for controlling "damping-off." 1 lb., **85c**; 5 lbs., **\$2.50**; 25 lbs., **\$10.00**.

Formaldehyde Liquid—Pint, **50c**; Quart, **85c**.

Fume-Tobac—An inexpensive, effective Greenhouse Fumigant. 25 lbs., **\$5.00**; 50 lbs., **\$8.50**; 100 lbs., **\$16.00**. F.O.B. Minneapolis.



Filmfast, for mixing with insecticides, to help make an even spray. 2 lbs., **40c**.

Garden Guard (Acme Old Formula)—All around Dust Insecticide for Garden and Field. 1 lb. can, **25c**; 5 lb. bag, **65c**; 50 lbs., **\$5.00**.

Gopher Poison (Woodlark)—Poisoned grains for baiting moles, mice and like animals. 1 lb. can, **50c**.



Kopper Queen Mildew Spray, strong liquid copper spray for control of Mildew, leaf spots and black spots in Roses and other plants. Stainless and leaves no unsightly residue. $\frac{1}{2}$ Pint, **35c**; Pint, **60c**; Quart, **90c**; Gallon, **\$2.25**.

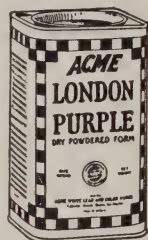


Lime Sulphur, Dry (Acme)—For dormant spray on Trees and Shrubs for Scale insects. 1 lb. can, **35c**; 5 lb. can, **\$1.45**; $12\frac{1}{2}$ lb. bag, **\$2.00**; 100 lbs., **\$12.50**.



Kopper King (Acme)—A basic Copper Sulphate, neutral and insoluble, requiring no lime to keep it from burning. Contains 52% copper. Can be used as a liquid or combined with a carrier to make a home made Dust. 1 lb., **45c**; 4 lb. bag, **\$1.05**.

London Purple (Acme)—Quick acting arsenical poison for potato bugs and other insects on hardy foliage. Sticks well. $\frac{1}{4}$ lb. can, **14c**; 1 lb. can, **30c**; 4 lb. bag, **45c**.



Loro—Non-poisonous Spray for Garden or Greenhouse. Pint **\$2.00**; Gallon **\$10.50**.

Naphthaline Flakes—A Thrip preventative. Scatter a generous amount among the Gladioli bulbs when in storage to keep thrip away. **25c** per lb.

Naptoside—Soil disinfectant for Greenhouse and Hot-beds. 1 lb., **50c**; 5 lbs., **\$1.40**.

Nico-Fume Liquid—For Spraying or Fumigating Greenhouses. 1 lb. can, **\$2.45**; 4 lb. can, **\$6.55**; 8 lb. can, **\$11.25**.

Nico-Fume Powder—For Greenhouse Fumigating. Comes in the new pressure can, ready to light. $\frac{1}{2}$ lb. can, **45c**; per dozen, **\$4.45**; 1 lb. can, **75c**; per dozen, **\$7.50**.

Nu Green, for brown patches and fungus in Lawns. 3 oz. **40c**; 1 lb. **\$1.60**.



Pyrote—Insect Spray containing Pyrethrum, Rotenone and other ingredients, contact spray and can also be used for dipping bulbs. 1 oz. bottle, **35c**; 6 oz. bottle, **\$1.00**; pint cans, **\$2.25**.

Pyroside, for dusting vegetables against aphids worms and other insects. Not a poison. 1 lb., **25c**; 5 lbs., **\$1.00**; 25 lbs., **\$4.50**; 50 lbs., **\$8.50**; 100 lbs., **\$16.00**.



Paris Green (Acme)—Most powerful and quickest acting poison for Potato bugs and other large leaf eating insects. $\frac{1}{4}$ lb., **20c**; 1 lb., **55c**; 5 lbs., **\$2.35**; 14 lbs., **\$5.40**.

Red River Potato Mix (Acme)—Special formula for Potatoes only. Kills potato bugs quickly; prevents blight from gaining a foothold and stimulates foliage. Use as a dust or spray. 1 lb., **35c**; 4 lbs., **85c**.

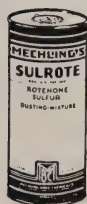


Pyrethrum Garden Guard (Acme)—Contains Pyrethrum powder, non-injurious to humans or warm blooded animals, but poison to insects, including Squash Bugs and Cucumber Beetle. 1 lb. sifter top carton **40c**; 4 lb. bag and 50 lb. bags market price.



Rose Spray, 3 separate spray items packed in one box and consisting of the necessary spray material for controlling pests on Roses and other plants. No. 3 **95c**; No. 6 **\$1.50**; No. 24 **\$4.00**; No. 48 **\$6.00**. The number indicates how many gallons of spray each set will make.

Rotogreen, effective for thrip, red spider, mealy bugs in addition to the more easily controlled insects. Pint **\$2.00**; gal., **\$12.00**.



Rotocide—Non-poisonous liquid contact spray, containing Rotenone. 1 oz., **35c**; 8 oz., **\$1.00**; pt., **\$1.75**.

Sulrote—Combination of Rotenone and Sulphur for dusting plants against many insects and fungus diseases. 10 oz. Duster can, **50c**; 1 lb. can, **45c**. Five and 25 lb. bags at Market Price.

Rotenone 400 (contains 4% Rotenone), Wettable Rotenone Spray Powder. 4 lb. bags Market Price.

Rotenone Garden Guard (Acme)—1 lb., **35c**; 4 lb. bag, **75c**; 25 lbs., **\$4.00**.

Selocide—The recognized remedy for Red Spider. Gallon, **\$3.00**.

Semesan—A Seed disinfectant for Vegetables and other Seeds. Also can be used dissolved in water for damping-off of small seedlings, and as a cleanser of soil for seedflats. 2 oz. can, **40c**; 1 lb. can, **\$2.50**; 5 lbs., **\$11.40**; $\frac{1}{2}$ oz. packet, **10c**.



Semesan Bel—For dipping Potatoes and Bulbs before planting. 1 lb. treats about 60 bushels. 2 oz. can, **30c**; 1 lb. can, **\$1.65**; 5 lbs., **\$7.15**.

Semesan Jr.—A Dust treatment for Seed Corn. 2 oz. treats a bushel of corn. $1\frac{1}{2}$ oz. can, **15c**; 1 lb. can, **75c**; 5 lbs., **\$3.00**.

"Stop"—tree banding compound for stopping crawling insects and worms from going up tree trunks. 6 oz. can **35c**, 1 lb. **65c**; 5 lbs. **\$3.00**; 10 lbs., **\$5.00**.

Spray Soap (Acme)—Fish Oil Soap which can be used as an insecticide or for mixing with other insecticides as a spreader. 1 lb., **35c**; 5 lbs., **\$1.50**.

Sulphur Powder—Sulphur Dust either for dusting or evaporating on steam pipes in greenhouses. 5 lbs., **60c**; 10 lbs., **\$1.00**; 25 lbs., **\$2.00**; 100 lbs., **\$6.50**.



S. S. 3 Spreader—Combined spreading and sticking agent designed especially for use with agricultural sprays. Gallon, **\$4.75**; Pint, **75c**.

Tartar Emetic—The recommended chemical for controlling thrip on Gladiolus. lb., **\$1.00**; 5 lb., **\$4.00**.

Tobacco Dust (Ordinary)—For dusting on plants or mixing in soil as an insect preventative, 5 lbs., **40c**.

Tobacco Dust—Gold Leaf—A finely pulverized dust for either plant dusting or for use in poultry houses. 2 lbs., **25c**; 10 lbs., **90c**; 100 lbs., **\$6.50**.

Terro—A very sure Ant destroyer, for garden or dwelling. Small bottle **25c**; 2 oz. bottle, **50c**.



Tree Tanglefoot—A sticky material for tree banding. Stops insects and worms from crawling up the tree trunks. Small can, **45c**; 1 lb. can, **80c**; 5 lb. can, **\$3.75**; 10 lb. can, **\$7.00**; 25 lbs., **\$15.00**.

Tree Bands, on which to apply Tree Tanglefoot and Stop. These bands can be tied around the tree trunks and removed when covered with insects. Bands about 3 in. wide and 50 ft. length for **\$1.25** per roll.



Weed Killer, powerful quick acting arsenical weed killer for destroying weeds and all plant life on driveways, tennis courts or paths, and for spotting out dandelions and other weeds in lawns. A few drops in the crown will kill the plant. Pint, **35c**; Quart, **55c**; Gallon, **\$1.60**. 5 gal., **\$6.00**.

Triogen—Combination set special for all insects and diseases on roses. Size A kit (makes 16 qts.) **\$1.50**; B kit (for 16 gals.) **\$4.00**; C kit (for 32 gals.) **\$6.00**.

Weed Killer Meo 181—An Armour product for killing weeds on lawns, such as Dandelion, Plantain, Crab Grass and other weeds. Qt., **65c**; Gal., **\$1.55**; 5 gals., **\$7.25**.

Zotox, Weed Killer for killing Crab Grass, Dandelion and some other weeds in lawns. Directions on bottle. 8 oz. (makes 5 gal. to treat 1,000 sq. ft.), **\$1.00**. 16 oz. bottle, **\$1.50**; 32 oz. bottle, **\$2.50**; 5 lb. bottle, **\$4.50**.



Home Gardener Soil Test Kit



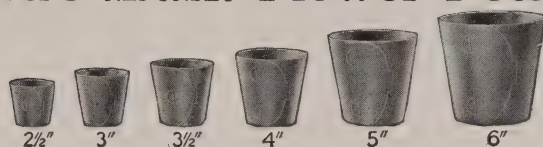
Horticultural Soil Test Kit

SOIL TEST KITS—With this, a quick, practical test can be made showing the acidity of the soil, and also any possible deficiency in Nitrogen, Phosphorus and Potash. And if necessary, prompt use of the right kind of Fertilizer will avoid many failures in growing of plants, flowers or grasses. A complete direction is enclosed with each set. No technical skill required for using the sets.

Home Gardeners Soil Test Kit.....	\$2.00	complete
Club Model	4.75	"
Horticultural Soil Test Kit.....	9.75	"
Testing Fluid for re-fills	2 oz. .75 —6 oz. \$1.50	

MISCELLANEOUS SUPPLIES

Bird's IMPROVED NEPONSET Flower Pots



Red	Doz.	100	1,000	5	inch			
2½ inch	.10	.60	5.25	6	inch	.25	1.50	13.50
3 inch	.12	.60	6.50	Green				
3½ inch	.15	1.00	8.00	2½	inch	.15	1.25	9.50
4 inch	.20	1.20	10.50	3	inch	.20	1.35	11.00
				3½	inch	.30	1.50	13.50

CLAY FLOWER POTS

We have on hand all sizes from 1½ to 12 inches at lowest prices.

BAMBOO CANES, GREEN

At the present we do not know what sizes we will have in stock.

RAFFIA

For tying up plants—better than string or twine.

Natural	1 lb.	.60c	10 lbs.	5.00
Green dyed, per package (about 1 lb.)				1.25

WIRED TREE LABELS

	Plain			Painted		
	100	500	1,000	100	500	1,000
Copper wired, 3½ in.	\$0.40	\$1.50	\$2.75	\$0.50	\$1.75	\$3.25

POT LABELS

Pointed ⅝ in. Width

	Plain			Painted		
	100	500	1,000	100	500	1,000
4 in.	\$0.30	\$1.20	\$2.35	\$0.35	\$1.50	\$2.75
5 in.	.35	1.35	2.50	.45	1.65	3.00
6 in.	.40	1.50	2.75	.50	1.80	3.25

GARDEN LABELS

	Plain			Painted		
	100	500	1,000	100	500	1,000
8 in. x ⅞ in.	\$0.80	\$3.50	\$6.25	\$0.90	\$4.00	\$7.50
10 in. x ⅞ in.	.90	4.00	7.50	1.00	4.50	8.75
12 in. x 1½ in.				1.35	6.25	12.00

NATIONAL Eezy Wear GLOVES

made of soft kid, washable, long wearing. Comes in 5 sizes, ladies small, medium, men's small or ladies large, men's medium and large, per pair **75c**.

KREME-SKIN GLOVES in ladies' sizes only, per pair.....**\$1.00**

VITAMIN B₁, new chemical for stimulating and increasing growth of all kinds of plants; small bottle of crystals enough for 2,000 gals. of water, **\$1.00**. Directions for use included. Bottle of $\frac{1}{2}$ oz. liquid (makes 120 gal.) for **35c**; bottle of 2 oz. liquid (makes 800 gal.) for **\$1.00**.

ROOTONE, will save many cuttings from rotting. $\frac{1}{4}$ oz., **25c**; 2 oz. **\$1.00**; lb. **\$5.00**.

TRANSPLANTONE—Saves seedlings when transplanting from seed beds. Oz., **50c**; 3 oz. **\$1.00**; lb., **\$4.00**.

FRUITONE, a powder containing Hormone to help prevent premature dropping of apples, other fruits as well as flowers and buds. 2 oz. makes 25 gal. of spray. 2 oz., **\$1.00**; 8 oz., **\$3.50**; 12 oz., **\$5.00**.

GRAFTING WAX—1 lb. package **55c**; $\frac{1}{2}$ lb. **35c**; $\frac{1}{4}$ lb. **25c**.

KOPPER SHIELD PRUNING PAINT. Specially prepared liquid paint containing copper, for wounds on trees. $\frac{1}{2}$ pt. **35c**, pt. **45c**, qt. **75c**, gal. **\$2.35**.

TREE KOTE—a sticky putty like material used for dressing wounds or bark on trees. Pint **35c**; quart **60c**; gallon **\$2.00**.

HOT-CAPS—waxed paper cones to be set over early plants in the open to keep the late frost away. Per 1,000, **\$11.00**; 250 with setter and tamper, **\$4.25**; 100 also with setter and tamper, **\$2.85**. Steel setter and tamper, **\$1.60**; home garden package of 25 for **50c**.

'TWIST-EMS'

TWIST-EMS—Flat green paper bands reinforced with a thin wire, for tying up plants. Boxes containing 250-4" bands or 125-8", each **25c**; 125-16", **50c**. Ask us for bulk prices in 1,000 lots or more, in 4-6-8-16 inch sizes.



HANDY IMPROVED SEED STARTER

Two sturdy attractive waterproofed cardboard boxes $10\frac{1}{2} \times 7\frac{1}{2} \times 1\frac{3}{4}$ " deep; 24 seedling trays $2\frac{1}{2}$ " deep. Complete instructions and planting charts printed on sleeve. Price each, **50c**.

GARDEX "Soil-Flow" GARDEN TOOLS



GARDEX Pull Hoe

With an easy pull, the sharp V-Shaped Blade bites into the ground.

As you walk along, the soil flows over and through the side guards which also protect plants when doing quick, close work. Thus it weeds and cultivates in one operation, leaving soil finely mulched just where you

want it, without exposing moist soil to sun. No weeds can escape and it gets most of them out by the roots. Handle fits socket perfectly—a firm tamp and it's in to stay—no bolts, screws or wedges to bother with. Made of Special High Carbon Steel for lasting service. Polished Blade.

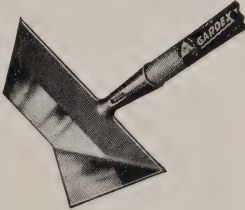
No. 1004. 4 in. wide, 4½ ft. handle.....Price \$1.10
No. 1005½. 5½ in. wide, 5 ft. handle.....Price 1.25



GARDEX TURF EDGER

Now you can edge your lawns, flower beds or borders as fast as walking and do a neater job. This New Edger cuts turf vertically and horizontally in one operation working forward or backward. By tilting to 45° angle, it cuts clean V-shape groove between sidewalk and lawn. Wing blade also used to lift sod out as it cuts. Made of special High Carbon Steel—polished blade and sharpened on all sides except top.

No. 400—4½ ft. handle. **\$1.30**
Price



GARDEX JR. WEEDER

Gets Between Plants 1 Inch Apart

Ideal for apartment dwellers—small home gardens. Handy tool for flower boxes, hot beds, flower beds, cold frames, borders, hedges, etc. Blade sharpened both sides up to handle. Weeds and tills soil either forward or backward, on straight edge or on angular edge.



No. 700—4" wide, 7" handle. Price only. **25c**

GARDEX CULTIVATOR

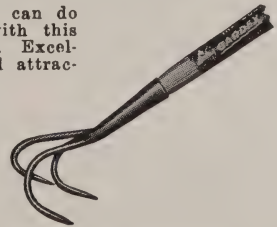
3 Prong

For large or small gardens, this easy to operate tool is unsurpassed. The position and construction of the High Carbon Steel Tines cause them to penetrate any soil with ease as they loosen and cultivate the ground thoroughly.

Even a child can do perfect work with this New Cultivator. Excellent quality and attractive low price.

No. 150-3—
4½ ft. handle.

Complete price **90c**



3 PRONG MIDGET CULTIVATOR

Excellent tool for loosening and airing soil in small flower beds, florists' frames, hotbeds, etc. Sturdy, light and well balanced. Sharp pointed prongs easily penetrate soil. No. 713—2¾" wide, 16" long. Price.... **40c**

GARDEX HAND PLOW

For hilling corn, potatoes, plants, etc. Covering furrows and making irrigation ditches around gardens. With an easy pull it digs in and works well in light or heavy soil.

Made of High Carbon Steel, polished mold boards.

No. 2006—6" wide,
5 ft. handle.

Price
\$1.75



For Many other Gardex Tools ask for Illustrated Circular

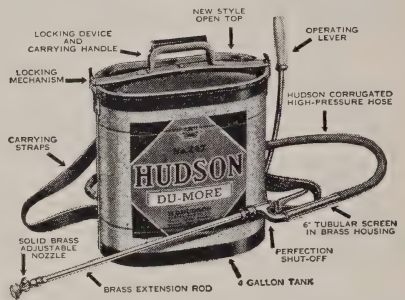
HUDSON PERFECTION SPRAYER

The Perfection sprayer was designed to give the purchaser the greatest possible value for his money. The same features that have always made the Perfection an outstanding value have been retained though many new improvements have been made. This pattern is now equipped with the new Open Top for filling and cleaning.

Tank $7\frac{1}{2} \times 21$ inches. 4 gallon capacity. Seams riveted with brass rivets and heavily soldered. Made of first quality galvanized or copper sheets. Pump of seamless brass tubing, $1\frac{1}{4} \times 15\frac{1}{2}$ inches. Malleable "D" pump handle. Fitted with 27 inches of discharge hose, 24 inch brass extension rod. Weight about 12 pounds. Adjustable nozzle.



HUDSON DU-MORE SPRAYER

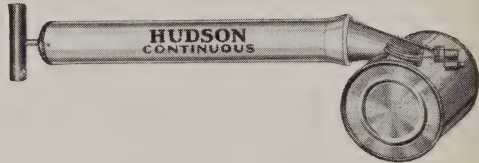


A continuous high pressure sprayer for truck or field crops, vineyards, ornamental shrubs, flower gardens, sprinkling lawns, etc. Handles all agricultural insecticides, fungicides, etc. Tank made of prime galvanized or copper sheets. Capacity four gallons.

Pump is diaphragm type, operated with remarkable ease because of long conveniently placed pump handle. Diaphragm rubber specially compounded to resist action of spray materials. Fitted with 3 ft. of discharge hose, 2 ft. iron extension rod, automatic shut-off valve and brass disc type adjustable nozzle. Weight about 19 lbs.

No. 247G. Du-More. Galvanized Tank...\$18.50

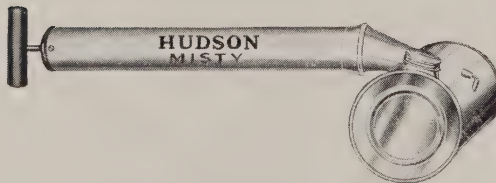
HUDSON CONTINUOUS SPRAYER



For use with fly oils, insecticides, disinfectant and all other solutions that are sediment free. Pump, $1\frac{1}{2}$ in. diameter, 14 in. long. Fitted with brass syphon tube and nozzle to prevent corrosion. Adjustable for any type of spray from fog to solid stream. Absolutely will not spit.

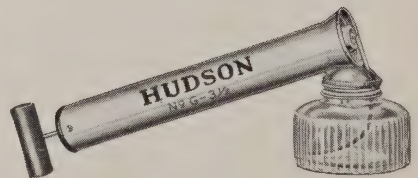
No. 432. Tin Container, 1 quart.....\$0.80

HUDSON MISTY SPRAYER



A popular pattern for back-yard garden, poultry house and similar use. Point of pump passes through top of tank and is securely soldered, making a very sturdy construction. Pump is heavy tin, $1\frac{1}{2}$ in. diameter, 14 in. long. Tank is heavy tin, lock seamed and thoroughly leak-proof.

No.		
452.	Misty, 1 quart.....	\$0.45
440.	Handy. 1 quart.....	.35
303.	Fog. 1 pint .....	.35
222.	Vapor, $\frac{3}{4}$ pint .....	.20

GLASS JAR SPRAYER NO. G3 $\frac{1}{2}$ 

An outstanding pattern for household use. Detachable glass container safely handles solutions which destroy metals. Pump, $1\frac{1}{4}$ in. diameter, 8 in. long, curved syphon tube. Glass container shows nature and amount of contents. Can be capped and set away with liquid if desired.

No. G3 $\frac{1}{2}$. Glass Jar Sprayer, 4 ounce...\$0.20

HUDSON, "SUNSHINE"



A high pressure outfit, sturdily constructed, yet light in weight and easily handled.

Has ample capacity for any job. Handles all insecticides, fungicides, disinfectants, stock dips, etc.

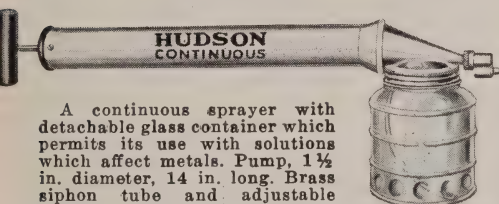
Heavy gauge galvanized steel tank with reinforced top edge. Pump develops 150 pounds nozzle pressure and is fitted with non-clogging tubular brass intake strainer with dasher type agitator.

Truck is made of heavy channel steel. Tie rods on either side of tank give very rigid construction. Fitted with 16 in. steel wheel with 2 in. tire.

No. 36-S—Cap, 12½ gals.; complete with 5 ft. ¾ in. spray hose with 2 ft. iron pipe extension, angle spray nozzle and Perfection shut-off.

HUDSON CRITIC SPRAYER

(Continuous)



A continuous sprayer with detachable glass container which permits its use with solutions which affect metals. Pump, 1½ in. diameter, 14 in. long. Brass siphon tube and adjustable double nozzle prevent corrosion; also adapt it for spray or solid stream. Jar has wide mouth for easy filling, emptying or cleaning.

No. 427G. Critic. One quart. \$1.10

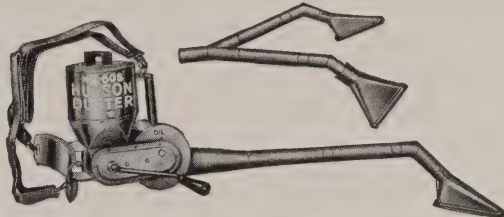


HARCO SPRAYER

Handy small sprayer for insecticides and for watering small seedlings. The quart jar has standard thread, each. \$2.35

HUDSON, "ROTO-POWER"

(No. 608)

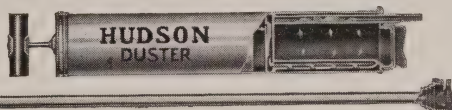


Completely new in design and construction, and an outstanding machine in actual performance. Twin agitators—one oscillating, one rotary—insure uniform feed of powder. Specially designed fan develops unusually powerful air blast. Feed regulator easily and quickly adjusted for any desired volume. Powder feeds into moving air stream and through fan. No powder is fed when fan is not turning or when air is not in motion. Consequently no chance to clog.

Made of heavy lead coated sheet steel. Sturdy enough for severe service. Gears are steel, machine cut, completely enclosed in steel housing. Run in oil bath. Discharge equipment includes two nozzles, two elbows and wye connection and four 15-inch tubes.

No. 608 \$14.00

ADMIRAL DUSTER



No. 765—Heavy tin with a nozzle which can be set for dusting straight ahead or for dusting up under the leaves. \$1.20

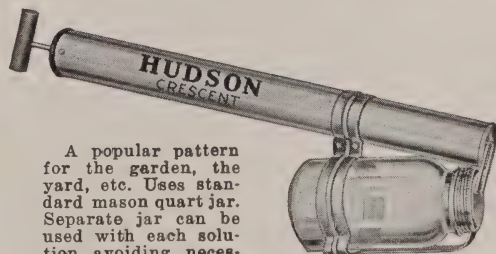
Other Dusters

No. 612—Patrol (Glass Jar) \$1.00

No. 660—1 x 11" pump30

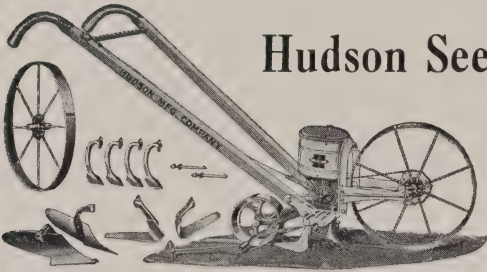
No. 665—1 x 13" pump90

HUDSON CRESCENT SPRAYER



A popular pattern for the garden, the yard, etc. Uses standard mason quart jar. Separate jar can be used with each solution avoiding necessity of emptying or cleaning. Pump is heavy tin, 1½x15 in. Long beaded metal ring holds jar securely in place.

No. 430. Crescent. 1 quart, each. \$0.65



Hudson Seeders and Cultivators

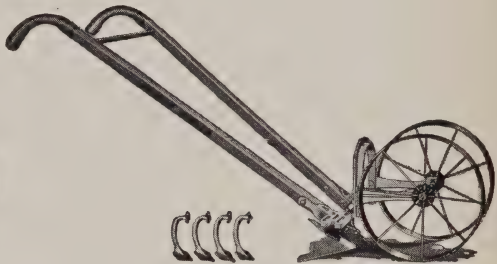
May be used as a hill seeder, drill seeder; a double wheel cultivator, plow or hoe; or a single wheel cultivator, plow or hoe.

- No. 201. Hill & Drill Seeder, as shown.....\$18.00
 No. 205. Hill & Drill Seeder, less attachments..... 14.75



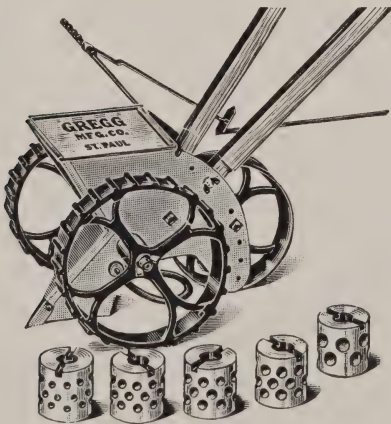
A sturdy single wheel tool for cultivating the area between two adjoining rows, or offset so that tool may be used to cultivate both sides of a single row.

- No. 228. Cultivator, each
 No. 229. Cultivator, less plows



May be used as a double wheelhoe, plow or cultivator astride the row during early cultivation and as a single wheel cultivator between the rows later on.

- No. 213. Cultivator, as shown, ea...\$9.25



LITTLE MASTER SEEDER (GREGG)

An ideal small seeder for large Home Gardeners and small Truck Gardeners; economical on seeds. Easy to set for different size seeds. Price\$6.75



- No. 246. High Wheel Plow, each ..\$4.10
 Adjustable frame, 24 in. wheel

[illegible]

[illegible]

THE DANIELS NURSERY

FRANC P. DANIELS, PROP.

LONG LAKE,

MINNESOTA

March 5, 1943.

Dear Home Gardener:-

The enclosed circular describes a new book that I have just finished writing, titled " LIVE AT HOME AND LIKE IT ".

For the thirty years that I've been in the Nursery, Fruit and Vegetable growing business (23 of them lecturing on Horticulture during winters at the University Farm School) I've continually answered questions of Why?, When?, What?, and How? relating to everyday garden problems.

For several years I've been preparing material for a little book that would present this information in a manner understandable and usable by Mr. Average Homeowner. Because of the patriotic importance of home gardening in 1943, the book has been pushed to completion, so that it can be helpful this season.

I believe that I know what most home gardeners want to know, and have endeavored to tell it in a way that will be interesting and useful to them.

This book is being put out by The Minnetonka Publishing Co., but I have arranged for a few thousand copies for distribution to my regular customers on practically a GIFT basis.

It can be sold only at the publishers price of \$1.00 per copy, BUT, for every dollar you send to us for the book PRIOR TO MARCH 20th you will receive not only a copy of the book, but also a CREDIT MEMORANDUM good FOR \$1.00 in nursery stock from our 1943 catalog. In effect, this gives our regular customers the book absolutely FREE.

This generous offer must end by March 20th, as by then the publishers will be distributing the book thru radio, book stores and other channels.

Furthermore, you have the same privilege of examination and "return for refund" offered by the publishers:- i.e. if after a seven day examination you do not feel that it contains practical gardening helps worth much more than the small price paid for it, simply return the book and the credit memo, and your money will be refunded.

What could be fairer?

I'm sure you need the information the book gives, and that you'll find it interesting and helpful. You risk nothing in an inspection of it. --SO-- WHY NOT SEND IN YOUR DOLLAR (Check, Currency, or Money-Order) TO-DAY?

Cordially,

Frank Daniels.

- PLEASE USE THIS ORDER FORM -

The Daniels Nursery,
Long Lake, Minnesota.

March____, 1943.

I enclose \$____ for which please send me____ copies of Mr. Daniels book "LIVE AT HOME AND LIKE IT", with a Credit Memo for an equal amount in nursery stock.

NAME _____

ADDRESS _____

N.B. - Please remember that this "Free Book" offer expires March 20, 1943.

Postage
Will Be Paid
by
Addressee

No
Postage Stamp
Necessary
If Mailed in the
United States

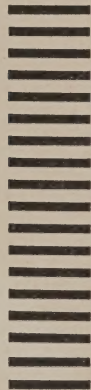
BUSINESS REPLY ENVELOPE

First Class Permit No. 3392, Sec. 510 P. L. & R., Minneapolis, Minn.

DANISH SEED COMPANY

14 Glenwood Avenue

Minneapolis, Minnesota

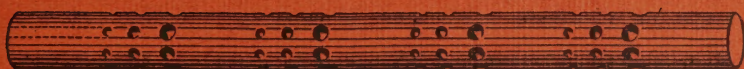
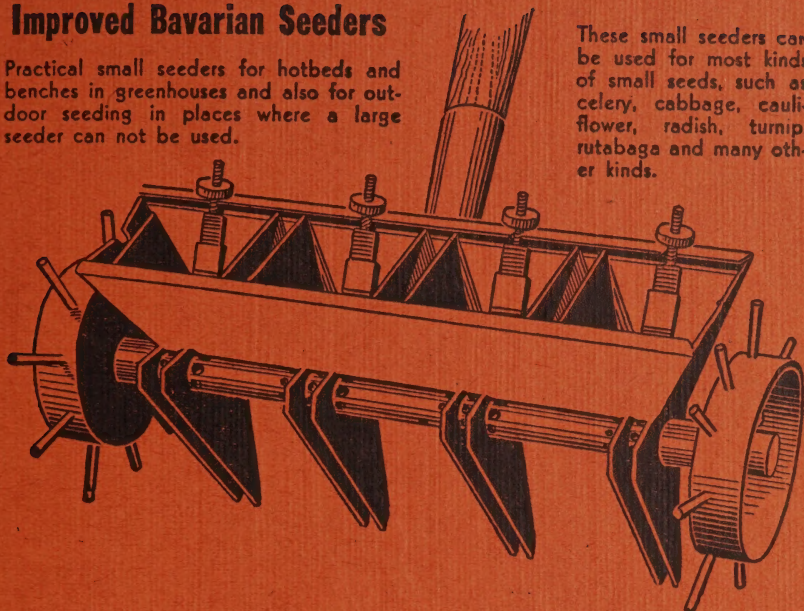




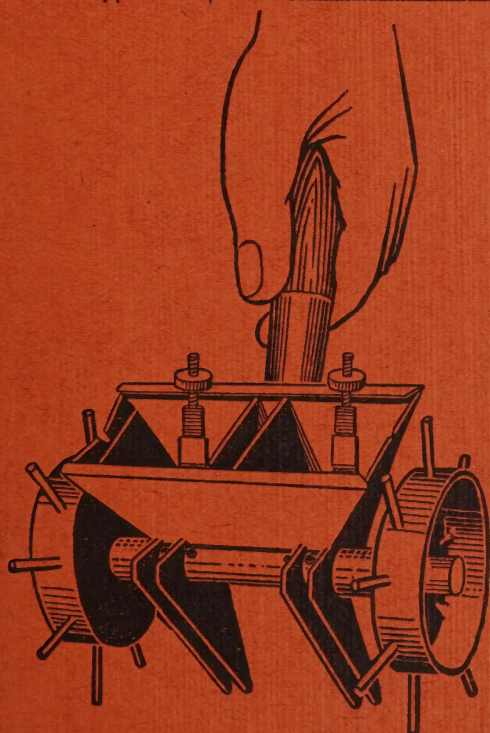
Improved Bavarian Seeders

Practical small seeders for hotbeds and benches in greenhouses and also for outdoor seeding in places where a large seeder can not be used.

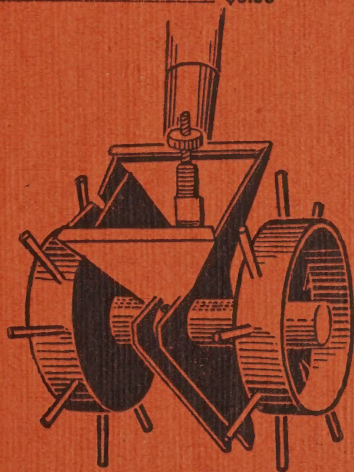
These small seeders can be used for most kinds of small seeds, such as celery, cabbage, cauliflower, radish, turnip, rutabaga and many other kinds.



4-Row Seeder. This machine is about 10½ inches long and seeds 4 rows 2¼ inches apart. Price \$6.50



2-Row Seeder is about 6 inches long and seeds 2 rows 2¼ inches apart.



1-Row Seeder is 4 inches wide. Price

Users who have tried these machines and have any use for them find them almost indispensable. For seeding radishes in benches or hotbeds it takes only a small part of the time it otherwise takes to seed by hand.

We do not furnish the handles for any of the machines. The prices offered are F. O. B. Minneapolis.



Get Your Seed at

The Danish Seed Co.

14 Glenwood Avenue North
MINNEAPOLIS, MINN.